

Subpart B—Table of Hazardous Materials and Special Provisions**§ 172.101 Purpose and use of hazardous materials table.**

(a) The Hazardous Materials Table (Table) in this section designates the materials listed therein as hazardous materials for the purpose of transportation of those materials. For each listed material, the Table identifies the hazard class or specifies that the material is forbidden in transportation, and gives the proper shipping name or directs the user to the preferred proper shipping name. In addition, the Table specifies or references requirements in this subchapter pertaining to labeling, packaging, quantity limits aboard aircraft and stowage of hazardous materials aboard vessels.

(b) *Column 1: Symbols.* Column 1 of the Table contains six symbols (“+”, “A”, “D”, “G”, “I” and “W”) as follows:

(1) The plus (+) sign fixes the proper shipping name, hazard class and packing group for that entry without regard to whether the material meets the definition of that class, packing group or any other hazard class definition. When the plus sign is assigned to a proper shipping name in Column (1) of the § 172.101 Table, it means that the material is known to pose a risk to humans. When a plus sign is assigned to mixtures or solutions containing a material where the hazard to humans is significantly different from that of the pure material or where no hazard to humans is posed, the material may be described using an alternative shipping name that represents the hazards posed by the material. An appropriate alternate proper shipping name and hazard class may be authorized by the Associate Administrator.

(2) The letter “A” denotes a material that is subject to the requirements of this subchapter only when offered or intended for transportation by aircraft, unless the material is a hazardous substance or a hazardous waste. A shipping description entry preceded by an “A” may be used to describe a material for other modes of transportation provided all applicable requirements for the entry are met.

(3) The letter “D” identifies proper shipping names which are appropriate

for describing materials for domestic transportation but may be inappropriate for international transportation under the provisions of international regulations (e.g., IMO, ICAO). An alternate proper shipping name may be selected when either domestic or international transportation is involved.

(4) The letter “G” identifies proper shipping names for which one or more technical names of the hazardous material must be entered in parentheses, in association with the basic description. (See § 172.203(k).)

(5) The letter “I” identifies proper shipping names which are appropriate for describing materials in international transportation. An alternate proper shipping name may be selected when only domestic transportation is involved.

(6) The letter “W” denotes a material that is subject to the requirements of this subchapter only when offered or intended for transportation by vessel, unless the material is a hazardous substance or a hazardous waste. A shipping description entry preceded by a “W” may be used to describe a material for other modes of transportation provided all applicable requirements for the entry are met.

(c) *Column 2: Hazardous materials descriptions and proper shipping names.* Column 2 lists the hazardous materials descriptions and proper shipping names of materials designated as hazardous materials. Modification of a proper shipping name may otherwise be required or authorized by this section. Proper shipping names are limited to those shown in Roman type (not italics).

(1) Proper shipping names may be used in the singular or plural and in either capital or lower case letters. Words may be alternatively spelled in the same manner as they appear in the ICAO Technical Instructions or the IMDG Code. For example “aluminum” may be spelled “aluminium” and “sulfur” may be spelled “sulphur”. However, the word “inflammable” may not be used in place of the word “flammable”.

(2) Punctuation marks and words in italics are not part of the proper shipping name, but may be used in addition to the proper shipping name. The word

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“or” in italics indicates that terms in the sequence may be used as the proper shipping name, as appropriate.

(3) The word “poison” or “poisonous” may be used interchangeably with the word “toxic” when only domestic transportation is involved. The abbreviation “n.o.i.” or “n.o.i.b.n.” may be used interchangeably with “n.o.s.”.

(4) Except for hazardous wastes, when qualifying words are used as part of the proper shipping name, their sequence in the package markings and shipping paper description is optional. However, the entry in the Table reflects the preferred sequence.

(5) When one entry references another entry by use of the word “see”, if both names are in Roman type, either name may be used as the proper shipping name (e.g., Ethyl alcohol, *see* Ethanol).

(6) When a proper shipping name includes a concentration range as part of the shipping description, the actual concentration, if it is within the range stated, may be used in place of the concentration range. For example, an aqueous solution of hydrogen peroxide containing 30 percent peroxide may be described as “Hydrogen peroxide, aqueous solution *with not less than 20 percent but not more than 40 percent hydrogen peroxide*” or “Hydrogen peroxide, aqueous solution *with 30 percent hydrogen peroxide*”.

(7) Use of the prefix “mono” is optional in any shipping name, when appropriate. Thus, Iodine monochloride may be used interchangeably with Iodine chloride. In “Glycerol alpha-monochlorhydrin” the term “mono” is considered a prefix to the term “chlorhydrin” and may be deleted.

(8) Use of the word “liquid” or “solid”. The word “liquid” or “solid” may be added to a proper shipping name when a hazardous material specifically listed by name may, due to differing physical states, be a liquid or solid. When the packaging specified in Column 8 is inappropriate for the physical state of the material, the table provided in paragraph (i)(4) of this section should be used to determine the appropriate packaging section.

(9) *Hazardous wastes*. If the word “waste” is not included in the hazardous material description in Column

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2 of the Table, the proper shipping name for a hazardous waste (as defined in §171.8 of this subchapter), shall include the word “Waste” preceding the proper shipping name of the material. For example: Waste acetone.

(10) *Mixtures and solutions*. (i) A mixture or solution not identified specifically by name, comprised of a hazardous material identified in the Table by technical name and non-hazardous material, shall be described using the proper shipping name of the hazardous material and the qualifying word “mixture” or “solution”, as appropriate, unless—

(A) Except as provided in §172.101(i)(4) the packaging specified in Column 8 is inappropriate to the physical state of the material;

(B) The shipping description indicates that the proper shipping name applies only to the pure or technically pure hazardous material;

(C) The hazard class, packing group, or subsidiary hazard of the mixture or solution is different from that specified for the entry;

(D) There is a significant change in the measures to be taken in emergencies;

(E) The material is identified by special provision in Column 7 of the §172.101 Table as a material poisonous by inhalation; however, it no longer meets the definition of poisonous by inhalation or it falls within a different hazard zone than that specified in the special provision; or

(F) The material can be appropriately described by a shipping name that describes its intended application, such as “Coating solution”, “Extracts, flavoring” or “Compound, cleaning liquid”.

(ii) If one or more of the conditions specified in paragraph (c)(10)(i) of this section is satisfied, then a proper shipping name shall be selected as prescribed in paragraph (c)(12)(ii) of this section.

(iii) A mixture or solution not identified in the Table specifically by name, comprised of two or more hazardous materials in the same hazard class, shall be described using an appropriate shipping description (e.g., “Flammable liquid, n.o.s.”). The name that most appropriately describes the material

shall be used; e.g., an alcohol not listed by its technical name in the Table shall be described as "Alcohol, n.o.s." rather than "Flammable liquid, n.o.s.". Some mixtures may be more appropriately described according to their application, such as "Coating solution" or "Extracts, flavoring liquid" rather than by an n.o.s. entry. Under the provisions of subparts C and D of this part, the technical names of at least two components most predominately contributing to the hazards of the mixture or solution may be required in association with the proper shipping name.

(11) Except for a material subject to or prohibited by §§ 173.21, 173.54, 173.56(d), 173.56(e), 173.224(c) or 173.225(c) of this subchapter, a material that is considered to be a hazardous waste or a sample of a material for which the hazard class is uncertain and must be determined by testing may be assigned a tentative proper shipping name, hazard class, identification number and packing group, if applicable, based on the shipper's tentative determination according to:

- (i) Defining criteria in this subchapter;
- (ii) The hazard precedence prescribed in § 173.2a of this subchapter;
- (iii) The shippers knowledge of the material;
- (iv) In addition to paragraphs (c)(11)(i) through (iii) of this section, for a sample of a material, other than a waste, the following must be met:

(A) Except when the word "Sample" already appears in the proper shipping name, the word "Sample" must appear in association with the basic description of a sample on the shipping paper;

(B) When the proper shipping description for a sample is assigned a "G" in Column (1) of the § 172.101 Table, and the primary constituent(s) for which the tentative classification is based are not known, the provisions requiring a technical name for the constituent(s) do not apply; and

(C) A sample must be transported in a combination packaging which conforms to the requirements of this subchapter that are applicable to the tentative packing group assigned, and may not exceed a net mass of 2.5 kg. (5.5 pounds) per package.

NOTE TO PARAGRAPH (C)(11): For the transportation of self-reactive, organic peroxide and explosive samples, see §§ 173.224(c)(3), 173.225(c)(2) and 173.56(d) of this subchapter, respectively.

(12) Except when the proper shipping name in the Table is preceded by a plus (+)—

(i) If it is specifically determined that a material meets the definition of a hazard class, packing group or hazard zone, other than the class, packing group or hazard zone shown in association with the proper shipping name, or does not meet the defining criteria for a subsidiary hazard shown in Column 6 of the Table, the material shall be described by an appropriate proper shipping name listed in association with the correct hazard class, packing group, hazard zone, or subsidiary hazard for the material.

(ii) *Generic or n.o.s. descriptions.* If an appropriate technical name is not shown in the Table, selection of a proper shipping name shall be made from the generic or n.o.s. descriptions corresponding to the specific hazard class, packing group, hazard zone, or subsidiary hazard, if any, for the material. The name that most appropriately describes the material shall be used; e.g., an alcohol not listed by its technical name in the Table shall be described as "Alcohol, n.o.s." rather than "Flammable liquid, n.o.s.". Some mixtures may be more appropriately described according to their application, such as "Coating solution" or "Extracts, flavoring, liquid", rather than by an n.o.s. entry, such as "Flammable liquid, n.o.s." It should be noted, however, that an n.o.s. description as a proper shipping name may not provide sufficient information for shipping papers and package markings. Under the provisions of subparts C and D of this part, the technical name of one or more constituents which makes the product a hazardous material may be required in association with the proper shipping name.

(iii) *Multiple hazard materials.* If a material meets the definition of more than one hazard class, and is not identified in the Table specifically by name (e.g., acetyl chloride), the hazard class of the material shall be determined by using the precedence specified in

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§ 173.2a of this subchapter, and an appropriate shipping description (e.g., "Flammable liquid, corrosive n.o.s.") shall be selected as described in paragraph (c)(12)(ii) of this section.

(iv) If it is specifically determined that a material is not a forbidden material and does not meet the definition of any hazard class, the material is not a hazardous material.

(13) *Self-reactive materials and organic peroxides.* A generic proper shipping name for a self-reactive material or an organic peroxide, as listed in Column 2 of the Table, must be selected based on the material's technical name and concentration, in accordance with the provisions of §§ 173.224 or 173.225 of this subchapter, respectively.

(14) A proper shipping name that describes all isomers of a material may be used to identify any isomer of that material if the isomer meets criteria for the same hazard class or division, subsidiary risk(s) and packing group, unless the isomer is specifically identified in the Table.

(15) Hydrates of inorganic substances may be identified using the proper shipping name for the equivalent anhydrous substance if the hydrate meets the same hazard class or division, subsidiary risk(s) and packing group, unless the hydrate is specifically identified in the Table.

(16) Unless it is already included in the proper shipping name in the § 172.101 Table, the qualifying words "liquid" or "solid" may be added in association with the proper shipping name when a hazardous material specifically listed by name in the § 172.101 Table may, due to the differing physical states of the various isomers of the material, be either a liquid or a solid (for example "Dinitrotoluenes, liquid" and "Dinitrotoluenes, solid"). Use of the words "liquid" or "solid" is subject to the limitations specified for the use of the words "mixture" or "solution" in paragraph (c)(10) of this section. The qualifying word "molten" may be added in association with the proper shipping name when a hazardous material, which is a solid in accordance with the definition in § 171.8 of this subchapter, is offered for transportation in the molten state (for example, "Alkylphenols, solid, n.o.s., molten").

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(d) *Column 3: Hazard class or Division.* Column 3 contains a designation of the hazard class or division corresponding to each proper shipping name, or the word "Forbidden".

(1) A material for which the entry in this column is "Forbidden" may not be offered for transportation or transported. This prohibition does not apply if the material is diluted, stabilized or incorporated in a device and it is classed in accordance with the definitions of hazardous materials contained in part 173 of this subchapter.

(2) When a reevaluation of test data or new data indicates a need to modify the "Forbidden" designation or the hazard class or packing group specified for a material specifically identified in the Table, this data should be submitted to the Associate Administrator.

(3) A basic description of each hazard class and the section reference for class definitions appear in § 173.2 of this subchapter.

(4) Each reference to a Class 3 material is modified to read "Combustible liquid" when that material is reclassified in accordance with § 173.150 (e) or (f) of this subchapter or has a flash point above 60.5 °C (141 °F) but below 93 °C (200 °F).

(e) *Column 4: Identification number.* Column 4 lists the identification number assigned to each proper shipping name. Those preceded by the letters "UN" are associated with proper shipping names considered appropriate for international transportation as well as domestic transportation. Those preceded by the letters "NA" are associated with proper shipping names not recognized for international transportation, except to and from Canada. Identification numbers in the "NA9000" series are associated with proper shipping names not appropriately covered by international hazardous materials (dangerous goods) transportation standards, or not appropriately addressed by international transportation standards for emergency response information purposes, except for transportation between the United States and Canada.

(f) *Column 5: Packing group.* Column 5 specifies one or more packing groups assigned to a material corresponding to the proper shipping name and hazard

class for that material. Class 2, Class 7, Division 6.2 (other than regulated medical wastes), and ORM-D materials, do not have packing groups. Packing Groups I, II and III indicate the degree of danger presented by the material is either great, medium or minor, respectively. If more than one packing group is indicated for an entry, the packing group for the hazardous material is determined using the criteria for assignment of packing groups specified in subpart D of part 173. When a reevaluation of test data or new data indicates a need to modify the specified packing group(s), the data should be submitted to the Associate Administrator. Each reference in this column to a material which is a hazardous waste or a hazardous substance, and whose proper shipping name is preceded in Column 1 of the Table by the letter "A" or "W", is modified to read "III" on those occasions when the material is offered for transportation or transported by a mode in which its transportation is not otherwise subject to requirements of this subchapter.

(g) *Column 6: Labels.* Column 6 specifies codes which represent the hazard warning labels required for a package filled with a material conforming to the associated hazard class and proper shipping name, unless the package is otherwise excepted from labeling by a provision in subpart E of this part, or part 173 of this subchapter. The first code is indicative of the primary hazard of the material. Additional label codes are indicative of subsidiary hazards. Provisions in § 172.402 may require that a label other than that specified in Column 6 be affixed to the package in addition to that specified in Column 6. No label is required for a material classed as a combustible liquid or for a Class 3 material that is reclassified as a combustible liquid. For "Empty" label requirements, see § 173.428 of this subchapter. The codes contained in Column 6 are defined according to the following table:

LABEL SUBSTITUTION TABLE

Label code	Label name
1	Explosive
1.1 ¹	Explosive 1.1 ¹
1.2 ¹	Explosive 1.2 ¹
1.3 ¹	Explosive 1.3 ¹

LABEL SUBSTITUTION TABLE—Continued

Label code	Label name
1.4 ¹	Explosive 1.4 ¹
1.5 ¹	Explosive 1.5 ¹
1.6 ¹	Explosive 1.6 ¹
2.1	Flammable Gas
2.2	Non-Flammable Gas
2.3	Poison Gas
3	Flammable Liquid
4.1	Flammable Solid
4.2	Spontaneously Combustible
4.3	Dangerous When Wet
5.1	Oxidizer
5.2	Organic Peroxide
6.1 (inhalation hazard, Zone A or B).	Poison Inhalation Hazard
6.1 (other than inhalation hazard, Zone A or B) ² .	Poison
6.2	Infectious substance
7	Radioactive
8	Corrosive
9	Class 9

¹ Refers to the appropriate compatibility group letter.

² The packing group for a material is indicated in column 5 of the table.

(h) *Column 7: Special provisions.* Column 7 specifies codes for special provisions applicable to hazardous materials. When Column 7 refers to a special provision for a hazardous material, the meaning and requirements of that special provision are as set forth in § 172.102 of this subpart.

(i) *Column 8: Packaging authorizations.* Columns 8A, 8B and 8C specify the applicable sections for exceptions, non-bulk packaging requirements and bulk packaging requirements, respectively, in part 173 of this subchapter. Columns 8A, 8B and 8C are completed in a manner which indicates that "§ 173." precedes the designated numerical entry. For example, the entry "202" in Column 8B associated with the proper shipping name "Gasoline" indicates that for this material conformance to non-bulk packaging requirements prescribed in § 173.202 of this subchapter is required. When packaging requirements are specified, they are in addition to the standard requirements for all packagings prescribed in § 173.24 of this subchapter and any other applicable requirements in subparts A and B of part 173 of this subchapter.

(1) *Exceptions.* Column 8A contains exceptions from some of the requirements of this subchapter. The referenced exceptions are in addition to those specified in subpart A of part 173 and elsewhere in this subchapter. A "None" in this column means no packaging exceptions are authorized, except

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as may be provided by special provisions in Column 7.

(2) Non-bulk packaging. Column 8B references the section in part 173 of this subchapter which prescribes packaging requirements for non-bulk packagings. A "None" in this column means non-bulk packagings are not authorized, except as may be provided by special provisions in Column 7. Each reference in this column to a material which is a hazardous waste or a hazardous substance, and whose proper shipping name is preceded in Column 1 of the Table by the letter "A" or "W", is modified to include "§ 173.203" or "§ 173.213", as appropriate for liquids and solids, respectively, on those occasions when the material is offered for transportation or transported by a mode in which its transportation is not otherwise subject to the requirements of this subchapter.

(3) Bulk packaging. Column 8C specifies the section in part 173 of this subchapter which prescribes packaging requirements for bulk packagings, subject to the limitations, requirements and additional authorizations of Column 7. A "None" in this column means bulk packagings are not authorized, except as may be provided by special provisions in Column 7. Additional authorizations and limitations for use of IM portable tanks are set forth in Column 7. For each reference in this column to a material which is a hazardous waste or a hazardous substance, and whose proper shipping name is preceded in Column 1 of the Table by the letter "A" or "W" and which is offered for transportation or transported by a mode in which its transportation is not otherwise subject to the requirements of this subchapter:

(i) The column reference is § 173.240 or § 173.241, as appropriate.

(ii) For a solid material, the exception provided in Special provision B54 is applicable.

(iii) For a Class 9 material which meets the definition of an elevated temperature material, the column reference is § 173.247.

(4) For a hazardous material which is specifically named in the Table and whose packaging sections specify packagings not applicable to the form of the material (e.g., packaging specified is

for solid material and the material is being offered for transportation in a liquid form) the following table should be used to determine the appropriate packaging section:

Packaging section reference for solid materials	Corresponding packaging section for liquid materials
§ 173.187	§ 173.181
§ 173.211	§ 173.201
§ 173.212	§ 173.202
§ 173.213	§ 173.203
§ 173.240	§ 173.241
§ 173.242	§ 173.243

(j) *Column 9: Quantity limitations.* Columns 9A and 9B specify the maximum quantities that may be offered for transportation in one package by passenger-carrying aircraft or passenger-carrying rail car (Column 9A) or by cargo aircraft only (Column 9B), subject to the following:

(1) "Forbidden" means the material may not be offered for transportation or transported in the applicable mode of transport.

(2) The quantity limitation is "net" except where otherwise specified, such as for "Consumer commodity" which specifies "30 kg gross."

(3) When articles or devices are specifically listed by name, the net quantity limitation applies to the entire article or device (less packaging and packaging materials) rather than only to its hazardous components.

(4) A package offered or intended for transportation by aircraft and which is filled with a material forbidden on passenger-carrying aircraft but permitted on cargo aircraft only, or which exceeds the maximum net quantity authorized on passenger-carrying aircraft, shall be labelled with the CARGO AIRCRAFT ONLY label specified in § 172.448 of this part.

(k) *Column 10: Vessel stowage requirements.* Column 10A [Vessel stowage] specifies the authorized stowage locations on board cargo and passenger vessels. Column 10B [Other provisions] specifies codes for stowage requirements for specific hazardous materials. The meaning of each code in Column 10B is set forth in § 176.84 of this subchapter. Section 176.63 of this subchapter sets forth the physical requirements for each of the authorized locations listed in Column 10A. (For bulk

transportation by vessel, see 46 CFR parts 30 to 40, 70, 98, 148, 151, 153 and 154.) The authorized stowage locations specified in Column 10A are defined as follows:

(1) Stowage category "A" means the material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

(2) Stowage category "B" means—

(i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and

(ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

(3) Stowage category "C" means the material must be stowed "on deck only" on a cargo vessel and on a passenger vessel.

(4) Stowage category "D" means the material must be stowed "on deck only" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers or one passenger per each 3 m of overall vessel length, but the material is prohibited on passenger vessels in which the limiting number of passengers is exceeded.

(5) Stowage category "E" means the material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length, but is prohibited from carriage on passenger vessels in which the limiting number of passengers is exceeded.

(6) Stowage category "01" means the material may be stowed "on deck" or "under deck" on a cargo vessel (up to 12 passengers) and on a passenger vessel.

(7) Stowage category "02" means the material may be stowed "on deck" or "under deck" on a cargo vessel (up to 12 passengers) and "on deck" in closed cargo transport units or "under deck" in closed cargo transport units on a passenger vessel.

(8) Stowage category "03" means the material may be stowed "on deck" or

"under deck" on a cargo vessel (up to 12 passengers) and "on deck" in closed cargo transport units on a passenger vessel.

(9) Stowage category "04" means the material may be stowed "on deck" or "under deck" on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(10) Stowage category "05" means the material may be stowed "on deck" in closed cargo transport units or "under deck" on a cargo vessel (up to 12 passengers) and on a passenger vessel.

(11) Stowage category "06" means the material may be stowed "on deck" in closed cargo transport units or "under deck" on a cargo vessel (up to 12 passengers) and "on deck" in closed cargo transport units or "under deck" in closed cargo transport units on a passenger vessel.

(12) Stowage category "07" means the material may be stowed "on deck" in closed cargo transport units or "under deck" on a cargo vessel (up to 12 passengers) and "on deck" only in closed cargo transport units on a passenger vessel.

(13) Stowage category "08" means the material may be stowed "on deck" in closed cargo transport units or "under deck" on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(14) Stowage category "09" means the material may be stowed "on deck only" in closed cargo transport units or "under deck" in closed cargo transport units on a cargo vessel (up to 12 passengers) and on a passenger vessel.

(15) Stowage category "10" means the material may be stowed "on deck" in closed cargo transport units or "under deck" in closed cargo transport units on a cargo vessel (up to 12 passengers) and "on deck" only in closed cargo transport units on a passenger vessel.

(16) Stowage category "11" means the material may be stowed "on deck" in closed cargo transport units or "under deck" in magazine stowage type "c" on a cargo vessel (up to 12 passengers) and "on deck" only in closed cargo transport units on a passenger vessel.

(17) Stowage category "12" means the material may be stowed "on deck" in closed cargo transport units or "under deck" in magazine stowage type "c" on

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a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(18) Stowage category "13" means the material may be stowed "on deck" in closed cargo transport units or "under deck" in magazine stowage type "A" on a cargo vessel (up to 12 passengers) and "on deck" only in closed cargo transport units on a passenger vessel.

(19) Stowage category "14" means the material may be stowed "on deck" in closed cargo transport units on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(20) Stowage category "15" means the material may be stowed "on deck" in closed cargo transport units or "under deck" in closed cargo transport units on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(l) *Changes to the Table.* (1) Unless specifically stated otherwise in a rule document published in the FEDERAL REGISTER amending the Table—

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(i) Such a change does not apply to the shipment of any package filled prior to the effective date of the amendment; and

(ii) Stocks of preprinted shipping papers and package markings may be continued in use, in the manner previously authorized, until depleted or for a one-year period, subsequent to the effective date of the amendment, whichever is less.

(2) Except as otherwise provided in this section, any alteration of a shipping description or associated entry which is listed in the §172.101 Table must receive prior written approval from the Associate Administrator.

(3) The proper shipping name of a hazardous material changed in the May 6, 1997 final rule, in effect on October 1, 1997, only by the addition or omission of the word "compressed," "inhibited," "liquefied" or "solution" may continue to be used to comply with package marking requirements, until January 1, 2003.

§ 172.101 HAZARDOUS MATERIALS TABLE

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Accelerene, see p-Nitrosodimethylaniline.	.....	.....	.....	.....	IB2, T4, TP1	.....	.....	.....	.....	.....	.....	.....
	Accumulators, electric, see Batteries, wet etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
A	Acetal	3	UN1088	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	Acetaldehyde	3	UN1089	I	3	A3, B16, T11, TP2, TP7	None	201	243	Forbidden	30 L	E	.....
	Acetaldehyde ammonia	9	UN1841	III	9	IB8, IP6	155	204	240	200 kg	200 kg	A	34
	Acetaldehyde oxime	3	UN2332	III	3	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	.....
	Acetic acid, glacial or Acetic acid solution, with more than 80 percent acid, by mass.	8	UN2789	II	8, 3	A3, A6, A7, A10, B2, IB2, T7, TP2	154	202	243	1 L	30 L	A	.....
	Acetic acid solution, not less than 50 percent but not more than 80 percent acid, by mass.	8	UN2790	II	8	A3, A6, A7, A10, B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
	Acetic acid solution, with more than 10 percent and less than 50 percent acid, by mass.	8	UN2790	III	8	IB3, T4, TP1	154	203	242	5 L	60 L	A	.....
	Acetic anhydride	8	UN1715	II	8, 3	A3, A6, A7, A10, B2, IB2, T7, TP2	154	202	243	1 L	30 L	A	40
	Acetone	3	UN1090	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Acetone cyanohydrin, stabilized	6.1	UN1541	I	6.1	2, A3, B9, B14, B32, B76, B77, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	25, 40, 49
	Acetone oils	3	UN1091	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
	Acetonitrile	3	UN1648	II	3	IB2, T7, TP2	150	202	242	5L	60 L	B	40
	Acetyl acetone peroxide with more than 9 percent by mass active oxygen.	Forbidden											.....
	Acetyl benzoyl peroxide, solid, or with more than 40 percent in solution.	Forbidden										
	Acetyl bromide	8	UN1716	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	C	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Acetyl chloride	3	UN1717	II	3, 8	A3, A6, A7, IB1, N34, T8, TP2, TP12	None	202	243	1 L	5 L	B	40
	Acetyl cyclohexanesulfonyl per-oxide, with more than 82 percent wetted with less than 12 percent water.	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Acetyl iodide	8	UN1898	II	8	B2, IB2, T7, TP2, TP13	154	202	242	1 L	30 L	C	40
	Acetyl methyl carbinol	3	UN2621	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Acetyl peroxide, solid, or with more than 25 percent in solution.	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Acetylene, dissolved	2.1	UN1001	.....	2.1		None	303	None ...	Forbidden	15 kg	D	25, 40, 57
	Acetylene (liquefied)	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Acetylene silver nitrate	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Acetylene tetrabromide, see Tetra bromoethane.				.....		.....	.....	.....	.....	.....		.....
	Acid butyl phosphate, see Butyl acid phosphate.				.....		.....	.....	.....	.....	.....		.....
	Acid, sludge, see Sludge acid ..				.....		.....	.....	.....	.....	.....		.....
	Acridine	6.1	UN2713	III	6.1	IB8, IP3	153	213	240	100 kg 60 L	200 kg 220 L	A	.....
	Acrolein dimer, stabilized	3	UN2607	III	3	B1, IB3, T2, TP1 1, B9, B14, B30,	150	203	242	Forbidden	Forbidden	A	40
	Acrolein, stabilized	6.1	UN1092	I	6.1, 3	B42, B72, B77, T22, TP2, TP7, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
	Acrylamide	6.1	UN2074	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg 1 L	200 kg 30 L	A	12
	Acrylic acid, stabilized	8	UN2218	II	8, 3	B2, IB2, T7, TP2	154	202	243	Forbidden	Forbidden	C	25, 40
	Acrylonitrile, stabilized	3	UN1093	I	3, 6.1	B9, T14, TP2, TP13	None	201	243	1 L	30 L	E	40
	Actuating cartridge, explosive, see Cartridges, power device.				.....		.....	.....	.....	.....	.....		.....
	Adhesives, containing a flammable liquid.	3	UN1133	I	3	B42, T11, TP1, TP8, TP27	150	201	243	1 L	30 L	B	.....
				II	3	B52, IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B	.....

			III	3	B1, B52, IB3, T2, TP1	150	173	242	60 L	220 L	A	.....	
	Adiponitrile	6.1	UN2205	III	6.1	IB3, T3, TP1	153	203	241	60 L	220 L	A	.....
	Aerosols, corrosive, <i>Packing Group II or III</i> , (each not exceeding 1 L capacity).	2.2	UN1950	.....	2.2, 8	A34	306	None	None	75 kg	150 kg	A	40, 48, 85
	Aerosols, flammable, (each not exceeding 1 L capacity).	2.1	UN1950	.....	2.1	N82	306	None	None	75 kg	150 kg	A	40, 48, 85
	Aerosols, flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity).	2.1	UN1950	.....	2.1	N82	306	None	None	Forbidden	150 kg	A	40, 48, 85
	Aerosols, non-flammable, (each not exceeding 1 L capacity).	2.2	UN1950	.....	2.2		306, 307.	None	None	75 kg	150 kg	A	48, 85
	Aerosols, poison, each not exceeding 1 L capacity.	2.2	UN1950	.....	2.2		306	None	None	Forbidden	Forbidden	A	40, 48, 85
	Air bag inflators, compressed gas or Air bag modules, compressed gas or Seat-belt pretensioners, compressed gas.	2.2	UN3353	.....	2.2	133	166	166	166	75 kg	150 kg	A	.....
	Air bag inflators, pyrotechnic or Air bag modules, pyrotechnic or Seat-belt pretensioner, pyrotechnic.	1.4G	UN0503	II	1.4G ..		166	166	166	Forbidden	75 kg	02	24E	
	Air bag inflators, pyrotechnic or Air bag modules, pyrotechnic or Seat-belt pretensioner, pyrotechnic.	9	UN3268	III	9		166	166	166	25 kg	100 kg	A	.....
	Air, compressed	2.2	UN1002	2.2		78	306	302	302	75 kg	150 kg	A
	Air, refrigerated liquid, (<i>cryogenic liquid</i>).	2.2	UN1003	.....	2.2, 5.1.	T75, TP5, TP22	320	316	318, 319.	Forbidden	150 kg	D	51
	Air, refrigerated liquid, (<i>cryogenic liquid</i>) non-pressurized.	2.2	UN1003	.....	2.2, 5.1.	T75, TP5, TP22	320	316	318, 319.	Forbidden	Forbidden	D	51
	Aircraft engines (including turbines), see Engines, internal combustion.	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	Aircraft evacuation slides, see Life saving appliances etc.	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	Aircraft hydraulic power unit fuel tank (containing a mixture of anhydrous hydrazine and monomethyl hydrazine) (M86 fuel).	3	UN3165	I	3, 6.1, 8.		None	172	None	Forbidden	42 L	E	.....
G	Aircraft survival kits, see Life saving appliances etc.	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	Alcoholates solution, n.o.s., in alcohol.	3	UN3274	II	3, 8	IB2	None	202	243	1 L	5 L	B	.....
	Alcoholic beverages	3	UN3065	II	3	24, B1, IB2, T4, TP1	150	202	242	5 L	60 L	A	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Symbol	Hazardous materials descriptions and proper shipping names	Hazard class or Division	Identification Numbers	PG	Label Codes	Special provisions (\$172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stowage	
							Exceptions	Non-bulk	Bulk	Passenger aircraft/rail	Cargo aircraft only	Location	Other
							(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Alcohols, n.o.s.	3	UN1987	III	3	24, B1, IB3, N11, T2, TP1	150	203	242	60 L	220 L	A	.....
	Alcohols, flammable, toxic, n.o.s.			I	3	T11, TP1, TP8, TP27	None	201	243	1 L	30 L	E	.....
	Aldehydes, n.o.s.			II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	.....
	Aldehydes, flammable, toxic, n.o.s.	3	UN1986	III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
	Aldehydes			I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	E	40
	Aldehydes			II	3, 6.1	IB2, T11, TP2, TP27	None	202	243	1 L	60 L	B	40
	Aldehydes	3	UN1989	III	3, 6.1	B1, IB3, T7, TP1, TP28	None	203	242	60 L	220 L	A	.....
	Aldehydes, n.o.s.			I	3	T11, TP1, TP27	None	201	243	1 L	30 L	E	.....
	Aldehydes			II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	.....
	Aldehydes, flammable, toxic, n.o.s.	3	UN1988	III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
	Aldehydes			I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	E	40
	Aldehydes			II	3, 6.1	IB2, T11, TP2, TP27	None	202	243	1 L	60 L	B	40
G	Aldol	6.1	UN2839	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	12
	Alkali metal alcoholates, self-heating, corrosive, n.o.s..	4.2	UN3206	II	4.2, 8	64, IB5, IP2	None	212	242	15 kg	50 kg	B	.....
	Alkali metal alloys, liquid, n.o.s.	4.3	UN1421	III	4.2, 8	64, IB8, IP3	None	213	242	25 kg	100 kg	B	.....
	Alkali metal alloys, liquid, n.o.s.	4.3	UN1421	I	4.3	A2, A3, B48, N34	None	201	244	Forbidden	1 L	D	.....
	Alkali metal amalgam, liquid	4.3	UN1389	I	4.3	A2, A3, N34	None	201	244	Forbidden	1 L	D	40
	Alkali metal amalgam, solid	4.3	UN1389	I	4.3	IB4, IP1, N40	None	211	242	Forbidden	15 kg	D	.....
	Alkali metal amides	4.3	UN1390	II	4.3	A6, A7, A8, A19, A20, IB7, IP2	151	212	241	15 kg	50 kg	E	40
	Alkali metal dispersions, or Alkaline earth metal dispersions.	4.3	UN1391	I	4.3	A2, A3	None	201	244	Forbidden	1 L	D	.....

	<i>Alkaline corrosive liquids, n.o.s., see Caustic alkali liquids, n.o.s..</i>	.....										
G	Alkaline earth metal alcoholates, n.o.s..	4.2	UN3205	II	4.2	65, IB6, IP2	None	212	241	15 kg	50 kg	B	.....
	.....	4.3	UN1393	III	4.2	65, IB8, IP3	None	213	241	25 kg	100 kg	B	.....
	Alkaline earth metal alloys, n.o.s..	4.3	UN1393	II	4.3	A19, IB7, IP2	151	212	241	15 kg	50 kg	E	.....
	Alkaline earth metal amalgams ..	4.3	UN1392	I	4.3	A19, IB4, IP1, N34, N40	None	211	242	Forbidden	15 kg	D	.....
G	Alkaloids, liquid, n.o.s., or Alkaloid salts, liquid, n.o.s..	6.1	UN3140	I	6.1	A4, T14, TP2, TP27	None	201	243	1 L	30 L	A	.....
	.....			II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	A	.....
	.....			III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	.....
G	Alkaloids, solid, n.o.s. or Alkaloid salts, solid, n.o.s. <i>poisonous.</i>	6.1	UN1544	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
	.....			II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Alkyl sulfonic acids, liquid or Aryl sulfonic acids, liquid <i>with more than 5 percent free sulfuric acid.</i>	8	UN2584	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	.....			II	8	B2, IB2, T8, TP2, TP12, TP13	154	202	242	1 L	30 L	B	.....
	Alkyl sulfonic acids, liquid or Aryl sulfonic acids, liquid <i>with not more than 5 percent free sulfuric acid.</i>	8	UN2586	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	B	.....
	Alkyl sulfonic acids, solid or Aryl sulfonic acids, solid, <i>with more than 5 percent free sulfuric acid.</i>	8	UN2583	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	Alkyl sulfonic acids, solid or Aryl sulfonic acids, solid <i>with not more than 5 percent free sulfuric acid.</i>	8	UN2585	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	Alkylphenols, liquid, n.o.s. (<i>including C₂-C₁₂ homologues.</i>)	8	UN3145	I	8	T14, TP2	None	201	243	0.5 L	2.5 L	B	.....
	.....			II	8	IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	.....
	.....			III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	.....
	Alkylphenols, solid, n.o.s. (<i>including C₂-C₁₂ homologues.</i>)	8	UN2430	I	8	IB7, IP1, T10, TP2, TP28	None	211	242	1 kg	25 kg	B	.....
	.....			II	8	IB8, IP2, IP4, T3, TP2	154	212	240	15 kg	50 kg	B	.....
	Alkylsulfuric acids ..	8	UN2571	III	8	IB8, IP3, T3, TP1	154	213	240	25 kg	100 kg	A
			II	8	B2, IB2, T8, TP2, TP12, TP13	154	202	242	1 L	30 L	C	14

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	<i>Allethrin, see Pesticides, liquid, toxic, n.o.s..</i>												
	Allyl acetate	3	UN2333	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40
	Allyl alcohol	6.1	UN1098	I	6.1, 3	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Allyl bromide	3	UN1099	I	3, 6.1	T14, TP2, TP13	None	201	243	Forbidden	30 L	B	40
	Allyl chloride	3	UN1100	I	3, 6.1	T14, TP2, TP13	None	201	243	Forbidden	30 L	E	40
	<i>Allyl chlorocarbonate, see Allyl chloroformate.</i>												
	Allyl chloroformate	6.1	UN1722	I	6.1, 3, 8.	2, A3, B9, B14, B32, B74, N41, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Allyl ethyl ether	3	UN2335	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40
	Allyl formate	3	UN2336	I	3, 6.1	T14, TP2, TP13	None	201	243	Forbidden	30 L	E	40
	Allyl glycidyl ether	3	UN2219	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Allyl iodide	3	UN1723	II	3, 8	A3, A6, IB1, N34, T7, TP2, TP13	None	202	243	1 L	5 L	B	40
	Allyl isothiocyanate, stabilized ...	6.1	UN1545	II	6.1, 3	A3, A7, IB2, T7, TP2	None	202	243	Forbidden	60 L	D	40
	Allylamine	6.1	UN2334	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Allyltrichlorosilane, stabilized	8	UN1724	II	8, 3	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	243	Forbidden	30 L	C	40
	Aluminum alkyl halides	4.2	UN3052	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
	Aluminum alkyl hydrides	4.2	UN3076	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
	Aluminum alkyls	4.2	UN3051	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....

Aluminum borohydride or Aluminum borohydride in devices.	4.2	UN2870	I	4.2, 4.3.	B11	None	181	244	Forbidden	Forbidden	D	
Aluminum bromide, anhydrous ..	8	UN1725	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	40
Aluminum bromide, solution	8	UN2580	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
Aluminum carbide	4.3	UN1394	II	4.3	A20, IB7, IP2, N41	151	212	242	15 kg	50 kg	A	.....
Aluminum chloride, anhydrous ..	8	UN1726	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	40
Aluminum chloride, solution	8	UN2581	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
Aluminum dross, wet or hot			Forbidden									.....
Aluminum ferrosilicon powder	4.3	UN1395	II	4.3, 6.1. 6.1.	A19, IB5, IP2	151	212	242	15 kg	50 kg	A	40, 85, 103
			III	4.3, 6.1.	A19, A20, IB4	151	213	241	25 kg	100 kg	A	40, 85, 103
Aluminum hydride	4.3	UN2463	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....
Aluminum, molten	9	NA9260	III	9	IB3, T1, TP3	None	None	247	Forbidden	Forbidden	D	.....
Aluminum nitrate	5.1	UN1438	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Aluminum phosphate solution, see Corrosive liquids, etc.												.....
Aluminum phosphide	4.3	UN1397	I	4.3, 6.1.	A8, A19, N40	None	211	242	Forbidden	15 kg	E	40, 85
Aluminum phosphide pesticides	6.1	UN3048	I	6.1	A8, IB7, IP1	None	211	242	Forbidden	15 kg	E	40, 85
Aluminum powder, coated	4.1	UN1309	II	4.1	IB8, IP2, IP4	151	212	240	15 kg	50 kg	A	13, 39, 101
			III	4.1	IB8, IP3	151	213	240	25 kg	100 kg	A	13, 39, 101
Aluminum powder, uncoated	4.3	UN1396	II	4.3	A19, A20, IB7, IP2	151	212	242	15 kg	50 kg	A	39
			III	4.3	A19, A20, IB8, IP4	151	213	241	25 kg	100 kg	A	39
Aluminum resinate	4.1	UN2715	III	4.1	IB6	151	213	240	25 kg	100 kg	A	.....
Aluminum silicon powder, uncoated.	4.3	UN1398	III	4.3	A1, A19, IB8, IP4	151	213	241	25 kg	100 kg	A	40, 85, 103
Aluminum smelting by-products or Aluminum remelting by-products.	4.3	UN3170	II	4.3	128, B115, IB7, IP2	None	212	242	15 kg	50 kg	B	85, 103
			III	4.3	128, B115, IB8, IP4	None	213	241	25 kg	100 kg	B	85, 103
Amatols, see Explosives, blasting, type B.												.....
Amines, flammable, corrosive, n.o.s. or Polyamines, flammable, corrosive, n.o.s..	3	UN2733	I	3, 8	T14, TP1, TP27	None	201	243	0.5 L	2.5 L	D	40
			II	3, 8	IB2, T11, TP1, TP27	None	202	243	1 L	5 L	B	40
			III	3, 8	B1, IB3, T7, TP1, TP28	150	203	242	5 L	60 L	A	40
Amines, liquid, corrosive, flammable, n.o.s. or Polyamines, liquid, corrosive, flammable, n.o.s..	8	UN2734	I	8, 3	A3, A6, N34, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Amines, liquid, corrosive, n.o.s., or Polyamines, liquid, corrosive, n.o.s..	8	UN2735	II	8, 3	IB2, T11, TP2, TP27 A3, A6, B10, N34, T14, TP2, TP27	None	202	243	1 L	30 L	A	.....
							None	201	243	0.5 L	2.5 L	A	.....
							154	202	242	1 L	30 L	A	.....
G	Amines, solid, corrosive, n.o.s., or Polyamines, solid, corrosive n.o.s..	8	UN3259	I	8	IB3, T7, TP1, TP28 IB7, IP1	154	203	241	5 L	60 L	A	.....
							None	211	242	1 kg	25 kg	A	.....
							154	212	240	15 kg	50 kg	A	.....
+	2-Amino-4-chlorophenol	6.1	UN2673	II	8	IB8, IP2, IP4 IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	2-Amino-5-diethylaminopentane	6.1	UN2946				None	212	242	25 kg	100 kg	A	.....
	2-Amino-4,6-Dinitrophenol, wetted with not less than 20 percent water by mass.	4.1	UN3317	I	4.1	IB3, T4, TP1 23, A8, A19, A20, N41	153	203	241	60 L	220 L	A	.....
	2-(2-Aminoethoxy) ethanol	8	UN3055	III	8	IB3, T4, TP1 IB8, IP3, T4, TP1	154	203	241	5 L	60 L	A	.....
	N-Aminoethylpiperazine	8	UN2815				154	203	241	5 L	60 L	A	12
	Aminophenols (o-; m-; p-)	6.1	UN2512	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	Aminopropylidethanolamine, see Amines, etc.	.....	.....				.....	.....	.....	.....	.....	.....	.....
	n-Aminopropylmorpholine, see Amines, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Aminopyridines (o-; m-; p-)	6.1	UN2671	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	B	12, 40
I	Ammonia, anhydrous	2.3	UN1005	.....	2.3, 8	4, T50	None	304	314, 315.	Forbidden	25 kg	D	40, 57
D	Ammonia, anhydrous	2.2	UN1005	.....	2.2	13, T50	None	304	314, 315.	Forbidden	25 kg	D	40, 57
D	Ammonia solution, relative den- sity less than 0.880 at 15 de- grees C in water, with more than 50 percent ammonia.	2.2	UN3318	2.2	13, T50	None	304	314, 315.	Forbidden	25 kg	D	40, 57

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I	Ammonia solution, relative density less than 0.880 at 15 degrees C in water, with more than 50 percent ammonia.	2.3	UN3318	2.3, 8	4, T50	None	304	314, 315.	Forbidden	25 kg	D	40, 57
	Ammonia solutions, relative density between 0.880 and 0.957 at 15 degrees C in water, with more than 10 percent but not more than 35 percent ammonia.	8	UN2672	III	8	IB3, T7, TP1	154	203	241	5 L	60 L	A	40, 85
	Ammonia solutions, relative density less than 0.880 at 15 degrees C in water, with more than 35 percent but not more than 50 percent ammonia.	2.2	UN2073	.....	2.2		306	304	314, 315.	Forbidden	150 kg	E	40, 57
	Ammonium arsenate	6.1	UN1546	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Ammonium azide	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
	Ammonium bifluoride, solid, see Ammonium hydrogen difluoride, solid.				.....		.....	.....	.....	.....	.....	.....	.....
	Ammonium bifluoride solution, see Ammonium hydrogen difluoride, solution.				.....		.....	.....	.....	.....	.....	.....	.....
	Ammonium bromate	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
	Ammonium chlorate	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
	Ammonium dichromate	5.1	UN1439	II	5.1	IB8, IP2, IP4	152	212	242	5 kg	25 kg	A	.....
	Ammonium dinitro-o-cresolate ...	6.1	UN1843	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	B	36, 65, 66, 77
	Ammonium fluoride	6.1	UN2505	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26
	Ammonium fluorosilicate	6.1	UN2854	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26
	Ammonium fulminate	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
	Ammonium hydrogen sulfate	8	UN2506	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	40
	Ammonium hydrogendifluoride, solid.	8	UN1727	II	8	IB8, IP2, IP4, N34	154	212	240	15 kg	50 kg	A	25, 26, 40
	Ammonium hydrogendifluoride, solution.	8	UN2817	II	8, 6.1	IB2, N34, T8, TP2, TP12, TP13	None	202	243	1 L	30 L	B	40
				III	8, 6.1	IB3, T4, TP1, TP12, TP13	154	203	241	5 L	60 L	B	40, 95
	Ammonium hydrosulfide, solution, see Ammonium sulfide solution.				.....		.....	.....	.....	.....	.....	.....	.....
D	Ammonium hydroxide, see Ammonia solutions, etc.				.....		.....	.....	.....	.....	.....	.....	.....
D	Ammonium metavanadate	6.1	UN2859	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
D	Ammonium nitrate fertilizers	5.1	NA2072	III	5.1	7, IB8	152	213	240	25 kg	100 kg	B	48, 59, 60, 117

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air-craft only	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Ammonium nitrate fertilizers; uniform non-segregating mixtures of ammonium nitrate with added matter which is inorganic and chemically inert towards ammonium nitrate, with not less than 90 percent ammonium nitrate and not more than 0.2 percent combustible material (including organic material calculated as carbon), or with more than 70 percent but less than 90 percent ammonium nitrate and not more than 0.4 percent total combustible material.	5.1	UN2067	III	5.1	52, IB8, IP3	152	213	240	25 kg	100 kg	B	48, 59, 60, 117
A W	Ammonium nitrate fertilizers; uniform non-segregating mixtures of nitrogen/phosphate or nitrogen/postash types or complete fertilizers of nitrogen/phosphate/postash type, with not more than 70 percent ammonium nitrate and not more than 0.4 percent total added combustible material or with not more than 45 percent ammonium nitrate with unrestricted combustible material.	9	UN2071	III	9	132, IB8	155	213	240	200 kg	200 kg	A	.....
D	Ammonium nitrate-fuel oil mixture containing only prilled ammonium nitrate and fuel oil.	1.5D	NA0331	II	1.5D ..		None	62	None	Forbidden	Forbidden	10	19E
D	Ammonium nitrate, liquid (hot concentrated solution).	5.1	UN2426	.....	5.1	B5, T7	None	None	243	Forbidden	Forbidden	D	59, 60
D	Ammonium nitrate mixed fertilizers.	5.1	NA2069	III	5.1	10, IB8	152	213	240	25 kg	100 kg	B	48, 59, 60, 117

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Ammonium nitrate, with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance.	1.1D	UN0222	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	19E
Ammonium nitrate, with not more than 0.2 percent of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance.	5.1	UN1942	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	48, 59, 60, 116
Ammonium nitrite	Forbidden											
Ammonium perchlorate	1.1D	UN0402	II	1.1D ..		107			Forbidden	Forbidden	10	19E
Ammonium perchlorate	5.1	UN1442	II	5.1	107, A9, IB6, IP2	152	62	None	5 kg	25 kg	E	58, 69, 106
Ammonium permanganate	Forbidden											
Ammonium persulfate	5.1	UN1444	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Ammonium picrate, dry or wetted with less than 10 percent water, by mass.	1.1D	UN0004	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E, 19E
Ammonium picrate, wetted with not less than 10 percent water, by mass.	4.1	UN1310	I	4.1	23, A2, N41	None	211	None	0.5 kg	0.5 kg	D	28, 36
Ammonium polysulfide, solution	8	UN2818	II	8, 6.1	IB2, T7, TP2, TP13	None	202	243	1 L	30 L	B	12, 26, 40
.....	.....	.....	III	8, 6.1	IB3, T4, TP1, TP13	154	203	241	5 L	60 L	B	12, 26, 40
Ammonium polyvanadate	6.1	UN2861	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Ammonium silicofluoride, see Ammonium fluorosilicate.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ammonium sulfide solution	8	UN2683	II	8, 6.1, 3.	IB1, T7, TP2, TP13	None	202	243	1 L	30 L	B	12, 22, 26, 100
Ammunition, blank, see Cartridges for weapons, blank.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ammunition, illuminating with or without burster, expelling charge or propelling charge.	1.2G	UN0171	II	1.2G ..		.....	62	None	Forbidden	Forbidden	03	.....
Ammunition, illuminating with or without burster, expelling charge or propelling charge.	1.3G	UN0254	II	1.3G ..		.....	62	None	Forbidden	Forbidden	03	.....
Ammunition, illuminating with or without burster, expelling charge or propelling charge.	1.4G	UN0297	II	1.4G ..		.....	62	None	Forbidden	75 kg	02	.....
Ammunition, incendiary liquid or gel, with burster, expelling charge or propelling charge.	1.3J	UN0247	II	1.3J	62	None	Forbidden	Forbidden	04	23E

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	Ammunition, incendiary (water-activated contrivances) with burster, expelling charge or propelling charge, see Contrivances, water-activated, etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
	Ammunition, incendiary, white phosphorus, with burster, expelling charge or propelling charge.	1.2H	UN0243	II	1.2H ..		.....	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Ammunition, incendiary, white phosphorus, with burster, expelling charge or propelling charge.	1.3H	UN0244	II	1.3H ..		.....	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Ammunition, incendiary with or without burster, expelling charge, or propelling charge.	1.2G	UN0009	II	1.2G ..		.....	62	None	Forbidden	Forbidden	03	.....
	Ammunition, incendiary with or without burster, expelling charge, or propelling charge.	1.3G	UN0010	II	1.3G ..		.....	62	None	Forbidden	Forbidden	03	.....
	Ammunition, incendiary with or without burster, expelling charge or propelling charge.	1.4G	UN0300	II	1.4G ..		.....	62	None	Forbidden	75 kg	02	.....
	Ammunition, practice	1.4G	UN0362	II	1.4G ..		.....	62	None	Forbidden	75 kg	02	.....
	Ammunition, practice	1.3G	UN0488	II	1.3G ..		.....	62	None	Forbidden	Forbiden	03	.....
	Ammunition, proof	1.4G	UN0363	II	1.4G ..		.....	62	None	Forbidden	75 kg	02	.....
	Ammunition, rocket, see War-heads, rocket etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
	Ammunition, SA (small arms), see Cartridges for weapons, etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
	Ammunition, smoke (water-activated contrivances), white phosphorus, with burster, expelling charge or propelling charge, see Contrivances, water-activated, etc. (UN 0248).

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Ammunition, smoke (water-activated contrivances), without white phosphorus or phosphides, with burster, expelling charge or propelling charge, see Contrivances, water-activated, etc. (UN 0249).												
Ammunition smoke, white phosphorus with burster,expelling charge, or propelling charge.	1.2H	UN0245	II	1.2H ..			.....	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
Ammunition, smoke, white phosphorus with burster, expelling charge, or propelling charge.	1.3H	UN0246	II	1.3H ..			.....	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
Ammunition, smoke with or without burster, expelling charge or propelling charge.	1.2G	UN0015	II	1.2G, 8.			.....	62	None	Forbidden	Forbidden		8E, 17E, 20E
Ammunition, smoke with or without burster, expelling charge or propelling charge.	1.3G	UN0016	II	1.3G, 8.			.....	62	None	Forbidden	Forbidden		8E, 17E, 20E
Ammunition, smoke with or without burster, expelling charge or propelling charge.	1.4G	UN0303	II	1.4G, 8.			.....	62	None	Forbidden	75 kg		7E, 8E, 14E, 15E, 17E
Ammunition, sporting, see Cartridges for weapons, etc. (UN 0012; UN 0328; UN 0339).	.....			.....			.....	.....	.....	.....	.....		.....
Ammunition, tear-producing, non-explosive, without burster or expelling charge, non-fuzed.	6.1	UN2017	II	6.1, 8			None	212	None	Forbidden	50 kg	E	13, 40
Ammunition, tear-producing with burster, expelling charge or propelling charge.	1.2G	UN0018	II	1.2G, 8, 6.1.			.....	62	None	Forbidden	Forbidden		8E, 17E, 20E
Ammunition, tear-producing with burster, expelling charge or propelling charge.	1.3G	UN0019	II	1.3G, 8, 6.1.			.....	62	None	Forbidden	Forbidden		8E, 17E, 20E
Ammunition, tear-producing with burster, expelling charge or propelling charge.	1.4G	UN0301	II	1.4G, 8, 6.1.			.....	62	None	Forbidden	75 kg		7E, 8E, 14E, 15E, 17E
Ammunition, toxic, non-explosive, without burster or expelling charge, non-fuzed.	6.1	UN2016	II	6.1			None	212	None	Forbidden	100 kg	E	13, 40
Ammunition, toxic (water-activated contrivances), with burster, expelling charge or propelling charge, see Contrivances, water-activated, etc.

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di-vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
G	Ammunition, toxic with burster, expelling charge, or propelling charge.	1.2K	UN0020	II	1.2K, 6.1.		.....	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
G	Ammunition, toxic with burster, expelling charge, or propelling charge.	1.3K	UN0021	II	1.3K, 6.1.		.....	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Amyl acetates	3	UN1104	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Amyl acid phosphate	8	UN2819	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Amyl butyrates	3	UN2620	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Amyl chlorides	3	UN1107	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Amyl formates	3	UN1109	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Amyl mercaptans	3	UN1111	II	3	A3, IB2, T4, TP1	None	202	242	5 L	60 L	B	95, 102
	n-Amyl methyl ketone	3	UN1110	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Amyl nitrate	3	UN1112	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40
	Amyl nitrites	3	UN1113	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	40
	Amylamines	3	UN1106	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
	.....	.....	.....	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	.....
	Amyltrichlorosilane	8	UN1728	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	Anhydrous ammonia, see Ammonia, anhydrous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Anhydrous hydrofluoric acid, see Hydrogen fluoride, anhydrous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
+ Aniline	6.1	UN1547	II	6.1	IB2, T7, TP2	None	202	243 .....	.....	5 L	60 L	A	40
Aniline hydrochloride	6.1	UN1548	III	6.1	IB8, IP3	153	213	240 .....	.....	100 kg	200 kg	A	.....
Aniline oil, see Aniline .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anisidines	6.1	UN2431	III	6.1	IB3, T4, TP1	153	203	241 .....	.....	60 L	220 L	A	.....
Anisole	3	UN2222	III	3	B1, IB3, T2, TP1	150	203	242 .....	.....	60 L	220 L	A	.....
Anisoyl chloride	8	UN1729	II	8	B2, IB2, T7, TP2	154	202	242 .....	.....	1 L	30 L	C	40
Anti-freeze, liquid, see Flammable liquids, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Antimonous chloride, see Antimony trichloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Antimony compounds, inorganic, liquid, n.o.s..	6.1	UN3141	III	6.1	35, IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A

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Antimony compounds, inorganic, solid, n.o.s..	6.1	UN1549	III	6.1	35, IB8, IP3	153	213	240	100 kg	200 kg	A
Antimony lactate	6.1	UN1550	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Antimony pentachloride, liquid ...	8	UN1730	II	8	B2, IB2, T7, TP2	None	202	242	1 L	30 L	C	40
Antimony pentachloride, solutions.	8	UN1731	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C	40
.....	.....	.....	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	C	40
Antimony pentafluoride	8	UN1732	II	8, 6.1	A3, A6, A7, A10, IB2, N3, T7, TP2	None	202	243	Forbidden	30 L	D	40
Antimony potassium tartrate	6.1	UN1551	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Antimony powder	6.1	UN2871	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Antimony sulfide and a chlorate, mixtures of.	.....	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Antimony sulfide, solid, see Antimony compounds, inorganic, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Antimony trichloride, liquid	8	UN1733	II	8	B2, IB2	154	202	242	1 L	30 L	C	40
Antimony trichloride, solid	8	UN1733	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	40
Aqua ammonia, see Ammonia solution, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Argon, compressed	2.2	UN1006	.....	2.2 .....	.....	306	302	314, 315.	75 kg	150 kg	A	.....
Argon, refrigerated liquid (cryogenic liquid).	2.2	UN1951	.....	2.2	T75, TP5	320	316	318	50 kg	500 kg	B	.....
Arsenic	6.1	UN1558	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Arsenic acid, liquid	6.1	UN1553	I	6.1	T20, TP2, TP7, TP13	None	201	243	1 L	30 L	B	46
Arsenic acid, solid	6.1	UN1554	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Arsenic bromide	6.1	UN1555	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	12, 40
Arsenic chloride, see Arsenic trichloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arsenic compounds, liquid, n.o.s. inorganic, including arsenates, n.o.s.; arsenites, n.o.s.; arsenic sulfides, n.o.s.; and organic compounds of arsenic, n.o.s..	6.1	UN1556	I	6.1 .....	.....	None	201	243	1 L	30 L	B	40
.....	.....	.....	II	6.1	IB2	None	202	243	5 L	60 L	B	40
.....	.....	.....	III	6.1	IB3	153	203	241	60 L	220 L	B	40
Arsenic compounds, solid, n.o.s. inorganic, including arsenates, n.o.s.; arsenites, n.o.s.; arsenic sulfides, n.o.s.; and organic compounds of arsenic, n.o.s..	6.1	UN1557	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Arsenic pentoxide	6.1	UN1559	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A
Arsenic sulfide and a chlorate, mixtures of.	Forbidden

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Arsenic trichloride	6.1	UN1560	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	B	40
	Arsenic trioxide	6.1	UN1561	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Arsenic, white, solid, see Ar-senic trioxide.						.....	.....	.....	.....	.....
	Arsenical dust	6.1	UN1562	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Arsenical pesticides, liquid, flam-mable, toxic, flash point less than 23 degrees C.	3	UN2760	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	ForbIDDEN	30 L	B	40
				II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Arsenical pesticides, liquid, toxic	6.1	UN2994	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
				II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Arsenical pesticides, liquid, toxic, flam-mable flash point not less than 23 degrees C.	6.1	UN2993	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
				II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Arsenical pesticides, solid, toxic	6.1	UN2759	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
				II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
				III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Arsenious acid, solid, see Ar-senic trioxide.						.....	.....	.....	.....	.....
	Arsenious and mercuric iodide solution, see Arsenic com-pounds, liquid, n.o.s..						.....	.....	.....	.....	.....
	Arsine	2.3	UN2188	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
	Articles, explosive, extremely in-sensitive or Articles, EEI.	1.6N	UN0486	II	1.6N ..	101	None	62	None	Forbidden	Forbidden	07
G	Articles, explosive, n.o.s.	1.4S	UN0349	II	1.4S ...	101	None	62	None	25 kg	100 kg	05

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G	Articles, explosive, n.o.s.	1.4B	UN0350	II	1.4B ..	101	None	62	None	Forbidden	Forbidden	06
G	Articles, explosive, n.o.s.	1.4C	UN0351	II	1.4C ..	101	None	62	None	Forbidden	75 kg	06	.....
G	Articles, explosive, n.o.s.	1.4D	UN0352	II	1.4D ..	101	None	62	None	Forbidden	75 kg	06	.....
G	Articles, explosive, n.o.s.	1.4G	UN0353	II	1.4G ..	101	None	62	None	Forbidden	75 kg	06	.....
G	Articles, explosive, n.o.s.	1.1L	UN0354	II	1.1L ..	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
G	Articles, explosive, n.o.s.	1.2L	UN0355	II	1.2L ..	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
G	Articles, explosive, n.o.s.	1.3L	UN0356	II	1.3L ..	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
G	Articles, explosive, n.o.s.	1.1C	UN0462	II	1.1C ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.1D	UN0463	II	1.1D ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.1E	UN0464	II	1.1E ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.1F	UN0465	II	1.1F ..	101	None	62	None	Forbidden	Forbidden	08	.....
G	Articles, explosive, n.o.s.	1.2C	UN0466	II	1.2C ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.2D	UN0467	II	1.2D ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.2E	UN0468	II	1.2E ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.2F	UN0469	II	1.2F ..	101	None	62	None	Forbidden	Forbidden	08	.....
G	Articles, explosive, n.o.s.	1.3C	UN0470	II	1.3C ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.4E	UN0471	II	1.4E ..	101	None	62	None	Forbidden	75 kg	06	.....
G	Articles, explosive, n.o.s.	1.4F	UN0472	II	1.4F ..	101	None	62	None	Forbidden	Forbidden	08	.....
	Articles, pressurized pneumatic or hydraulic containing non-flammable gas.	2.2	UN3164	.....	2.2	306	302,	304.	None	No limit	A	.....
	Articles, pyrophoric	1.2L	UN0380	II	1.2L ..		None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Articles, pyrotechnic for technical purposes.	1.1G	UN0428	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Articles, pyrotechnic for technical purposes.	1.2G	UN0429	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	.....
	Articles, pyrotechnic for technical purposes.	1.3G	UN0430	II	1.3G ..		None	62	None	Forbidden	Forbidden	07	.....
	Articles, pyrotechnic for technical purposes.	1.4G	UN0431	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	Articles, pyrotechnic for technical purposes.	1.4S	UN0432	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
D	Asbestos	9	NA2212	III	9	IB8, IP2, IP4	155	216	240	200 kg	200 kg	A	34, 40
D	Ascaridole (organic peroxide)	Forbidden											
D	Asphalt, at or above its flash point	3	NA1999	III	3	IB3, T1, TP3	150	203	247	Forbidden	Forbidden	D
D	Asphalt, cut back, see Tars, liquid, etc.												

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air-craft only	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(9A)	(9B)	(10A)	(10B)			
	Automobile, motorcycle, tractor, other self-propelled vehicle, engine, or other mechanical apparatus, see Vehicles or Battery etc.	.....	.....				.....	.....	.....	.....	.....	.....	.....
A G	Aviation regulated liquid, n.o.s. ..	9	UN3334	.....	9	A35	155	204 .....	.....	No limit	No limit	A	.....
A G	Aviation regulated solid, n.o.s. ...	9	UN3335	.....	9	A35	155	204 .....	.....	No limit	No limit	A	.....
	Azaurolic acid (salt of) (dry)	Forbiden	.....				.....	.....	.....	.....	.....	.....	.....
	Azido guanidine picrate (dry)	Forbiden	.....				.....	.....	.....	.....	.....	.....	.....
	5-Azido-1-hydroxy tetrazole	Forbiden	.....				.....	.....	.....	.....	.....	.....	.....
	5-Azido hydroxy tetrazole (mer-cury and silver salts).	Forbiden	.....				.....	.....	.....	.....	.....	.....	.....
	3-Azido-1,2-Propylene glycol dinitrate.	Forbiden	.....				.....	.....	.....	.....	.....	.....	.....
	Azidodithiocarbonic acid	Forbiden	.....				.....	.....	.....	.....	.....	.....	.....
	Azidoethyl nitrate	Forbiden	.....				.....	.....	.....	.....	.....	.....	.....
	1-Aziridinylphosphine oxide-(tris, see Tris-(1-aziridinyl) phosphine oxide, solution.	.....	.....				.....	.....	.....	.....	.....	.....	.....
	Azodicarbonamide	4.1	UN3242	II	4.1	38, IB8	151	212	240	Forbidden	Forbidden	D	12, 61, 74
	Azotetrazole (dry)	Forbiden	.....				.....	.....	.....	.....	.....	.....	.....
	Barium	4.3	UN1400	II	4.3	A19, IB7, IP2	151	212	241	15 kg	50 kg	E	.....
	Barium alloys, pyrophoric	4.2	UN1854	I	4.2		None	181	None	Forbiden	Forbiden	D	.....
	Barium azide, dry or wetted with less than 50 percent water, by mass.	1.1A	UN0224	II	1.1A, 6.1.	111, 117	None	62	None	Forbiden	Forbiden	12	.....
	Barium azide, wetted with not less than 50 percent water, by mass.	4.1	UN1571	I	4.1, 6.1.	A2	None	182	None	Forbidden	0.5 kg	D	28
	Barium bromate	5.1	UN2719	II	5.1, 6.1.	IB8, IP2, IP4	None	212	242	5 kg	25 kg	A	56, 58, 106
	Barium chlorate	5.1	UN1445	II	5.1, 6.1.	A9, IB6, IP2, N34, T4, TP1	None	212	242	5 kg	25 kg	A	56, 58, 106
	Barium compounds, n.o.s.	6.1	UN1564	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Barium cyanide	6.1	UN1565	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A
					I	IB7, IP1, N74, N75	None	211	242	5 kg	50 kg	A	26, 40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	<i>Benzene phosphorus dichloride, see Phenyl phosphorus dichloride.</i>												
	<i>Benzene phosphorus thiodichloride, see Phenyl phosphorus thiodichloride.</i>												
	Benzene sulfonyl chloride	8	UN2225	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	40
	Benzene triozonide	Forbidden											
	Benzeneethiol, see Phenyl mercaptan.												
	Benzidine	6.1	UN1885	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Benzol, see Benzene												
	Benzonitrile	6.1	UN2224	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	26, 40
	Benzoquinone	6.1	UN2587	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Benzotrichloride	8	UN2226	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	40
	Benzotrifluoride	3	UN2338	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Benzoxidiazoles (dry)	Forbidden											
	Benzoyl azide	Forbidden											
	Benzoyl chloride	8	UN1736	II	8	B2, IB2, T8, TP2, TP12, TP13	154	202	242	1 L	30 L	C	40
	Benzyl bromide	6.1	UN1737	II	6.1, 8	A3, A7, IB2, N33, N34, T8, TP2, TP12, TP13	None	202	243	1 L	30 L	D	13, 40
	Benzyl chloride	6.1	UN1738	II	6.1, 8	A3, A7, B70, IB2, N33, N42, T8, TP2, TP12, TP13	None	202	243	1 L	30 L	D	13, 40
	Benzyl chloride <i>unstabilized</i>	6.1	UN1738	II	6.1, 8	A3, A7, B8, B11, IB2, N33, N34, N43, T8, TP2, TP12, TP13	None	202	243	1 L	30 L	D	13, 40
	Benzyl chloroformate	8	UN1739	I	8	A3, A6, B4, N41, T10, TP2, TP12, TP13	None	201	243	Forbidden	2.5 L	D	40
	Benzyl iodide	6.1	UN2653	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	B	12, 40
	Benzylidimethylamine	8	UN2619	II	8, 3	B2, IB2, T7, TP2	154	202	243	1 L	30 L	A	40, 48
	Benzylidene chloride	6.1	UN1886	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	D	40
	Beryllium compounds, n.o.s.	6.1	UN1566	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
				III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....

Beryllium nitrate	5.1	UN2464	II	5.1, 6.1.	IB8, IP2, IP4	None	212	242	5 kg	25 kg	A	.....
Beryllium, powder	6.1	UN1567	II	6.1, 4.1.	IB8, IP2, IP4	None	212	242	15 kg	50 kg	A	.....
Bicyclo [2.2.1] hepta-2,5-diene, stabilized or 2,5-Norbornadiene, stabilized.	3	UN2251	II	3	IB2, T7, TP2	150	202	242	5 L	60 L	D	.....
<i>Biphenyl triozonide</i>	Forbidden 3	UN2782	I	.....	T14, TP2, TP13, TP27	None	201	243 ....	.....	30 L	E	.....
Bipyridilium pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	6.1	UN3016	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
Bipyridilium pesticides, liquid, toxic. .....	.....	.....	II	6.1	IB2, T11, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
.....	.....	.....	III	6.1	IB3, T7, TP2, TP28	None	202	243	5 L	60 L	B	40
Bipyridilium pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN3015	I	6.1, 3	T14, TP2, TP13, TP27	153	203	241	60 L	220 L	A	40
.....	.....	.....	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	30 L	B	21, 40
.....	.....	.....	III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	21, 40
Bipyridilium pesticides, solid, toxic.	6.1	UN2781	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
<i>Bis (Aminopropyl) piperazine, see Corrosive liquid, n.o.s..</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bisulfate, aqueous solution	8	UN2837	II	8	A7, B2, IB2, N34, T7, TP2	154	202	242	1 L	30 L	A	.....
.....	.....	.....	III	8	A7, IB3, N34, T4, TP1	154	203	241	5 L	60 L	A	.....
Bisulfites, aqueous solutions, n.o.s..	8	UN2693	III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	26, 40
Black powder, compressed or Gunpowder, compressed or Black powder, in pellets or Gunpowder, in pellets.	1.1D	UN0028	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	10	.....
Black powder or Gunpowder, granular or as a meal.	1.1D	UN0027	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	10	.....
D Black powder for small arms	4.1	NA0027	I	4.1	70	None	170	None	Forbidden	Forbidden	E	.....
<i>Blasting agent, n.o.s., see Explosives, blasting etc.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Blasting cap assemblies, see Detonator assemblies, non-electric, for blasting.</i>

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)						(10A)	(10B)
	<i>Blasting caps, electric, see Detonators, electric for blasting.</i>												
	<i>Blasting caps, non-electric, see Detonators, non-electric, for blasting.</i>												
	<i>Bleaching powder, see Calcium hypochlorite mixtures, etc.</i>												
I	Blue asbestos (<i>Crocidolite</i>) or Brown asbestos (<i>amosite, chrysotile</i>).	9	UN2212	II	9	IB8, IP2, IP4	155	216	240	Forbidden	Forbidden	A	34, 40
	Bombs, photo-flash	1.1F	UN0037	II	1.1F ..			62	None	Forbidden	Forbidden	08	.....
	Bombs, photo-flash	1.1D	UN0038	II	1.1D ..			62	None	Forbidden	Forbidden	03	.....
	Bombs, photo-flash	1.2G	UN0039	II	1.2G ..			62	None	Forbidden	Forbidden	03	.....
	Bombs, photo-flash	1.3G	UN0299	II	1.3G ..			62	None	Forbidden	Forbidden	03	.....
	Bombs, smoke, non-explosive, with corrosive liquid, without initiating device.	8	UN2028	II	8		None	160	None	Forbidden	50 kg	E	40
	Bombs, with bursting charge	1.1F	UN0033	II	1.1F ..			62	None	Forbidden	Forbidden	08	.....
	Bombs, with bursting charge	1.1D	UN0034	II	1.1D ..			62	None	Forbidden	Forbidden	03	.....
	Bombs, with bursting charge	1.2D	UN0035	II	1.2D ..			62	None	Forbidden	Forbidden	03	.....
	Bombs, with bursting charge	1.2F	UN0291	II	1.2F ..			62	None	Forbidden	Forbidden	08	.....
	Bombs with flammable liquid, with bursting charge.	1.1J	UN0399	II	1.1J ..			62	None	Forbidden	Forbidden	04	23E
	Bombs with flammable liquid, with bursting charge.	1.2J	UN0400	II	1.2J ..			62	None	Forbidden	Forbidden	04	23E
	Boosters with detonator	1.1B	UN0225	II	1.1B ..		None	62	None	Forbidden	Forbidden	11	.....
	Boosters with detonator	1.2B	UN0268	II	1.2B ..		None	62	None	Forbidden	Forbidden	07	.....
	Boosters, without detonator	1.1D	UN0042	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Boosters, without detonator	1.2D	UN0283	II	1.2D ..		None	62	None	Forbidden	Forbidden	07	.....
	<i>Borate and chlorate mixtures, see Chlorate and borate mixtures.</i>												
+	Borneol	4.1	UN1312	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	A	.....
	Boron tribromide	8	UN2692	I	8, 6.1	2, A3, A7, B9, B14, B32, B74, N34, T20, TP2, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	C	12
	Boron trichloride	2.3	UN1741	.....	2.3, 8	3, B9, B14	None	304	314	Forbidden	Forbidden	D	25, 40

	Boron trifluoride, compressed	2.3	UN1008	.....	2.3	2, B9, B14	None	302	314, 315.	Forbidden	Forbidden	D	40
	Boron trifluoride acetic acid complex.	8	UN1742	II	8	B2, B6, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	A	.....
	Boron trifluoride diethyl etherate	8	UN2604	I	8, 3	A19, T10, TP2	None	201	243	0.5 L	2.5 L	D	40
	Boron trifluoride dihydrate	8	UN2851	II	8	IB8, IP2, IP4, T7, TP2	154	212	240	15 kg	50 kg	B	12, 40,
	Boron trifluoride dimethyl etherate.	4.3	UN2965	I	4.3, 8, 3.	A19, T10, TP2, TP7	None	201	243	Forbidden	1 L	D	21, 28, 40, 49, 100
	Boron trifluoride propionic acid complex.	8	UN1743	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	A	.....
	Box toe gum, see Nitrocellulose etc.				.....		.....	.....	.....	.....	.....		.....
	Bromates, inorganic, aqueous solution, n.o.s..	5.1	UN3213	II	5.1	IB2, T4, TP1	152	202	242	1 L	5 L	B	56, 58, 106
	Bromates, inorganic, n.o.s.	5.1	UN1450	II	5.1	IB8, IP2, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106
+	Bromine azide	Forbidden			.....		.....	.....	.....	.....	.....		.....
+	Bromine or Bromine solutions	8	UN1744	I	8, 6.1	1, A3, A6, B9, B64, B85, N34, N43, T22, TP2, TP10, TP12, TP13	None	226	249	Forbidden	Forbidden		12, 40, 66, 74, 89, 90
129	Bromine chloride	2.3	UN2901	.....	2.3, 8, 5.1.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40, 89, 90
+	Bromine pentafluoride	5.1	UN1745	I	5.1, 6.1, 8.	1, B9, B14, B30, B72, T22, TP2, TP12, TP13, TP38, TP44	None	228	244	Forbidden	Forbidden	D	25, 40, 66, 90
+	Bromine trifluoride	5.1	UN1746	I	5.1, 6.1, 8.	2, B9, B14, B32, B74, T22, TP2, TP12, TP13, TP38, TP45	None	228	244	Forbidden	Forbidden	D	25, 40, 66, 90
	4-Bromo-1,2-dinitrobenzene	Forbidden			.....		.....	.....	.....	.....	.....		.....
	4-Bromo-1,2-dinitrobenzene (unstable at 59 degrees C.).	Forbidden			.....		.....	.....	.....	.....	.....		.....
	1-Bromo-3-chloropropane	6.1	UN2688	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	1-Bromo-3-methylbutane	3	UN2341	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	1-Bromo-3-nitrobenzene (unstable at 56 degrees C.).	Forbidden			.....		.....	.....	.....	.....	.....		.....
	2-Bromo-2-nitropropane-1,3-diol	4.1	UN3241	III	4.1	46, IB8, IP3	151	213	None	25 kg	50 kg	C	12, 25, 40
	Bromoacetic acid, solid	8	UN1938	II	8	A7, IB8, IP2, IP4, N34, T7	154	212	240	15 kg	50 kg	A	.....
	Bromoacetic acid, solution	8	UN1938	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	40
+	Bromoacetone	6.1	UN1569	II	6.1, 3	2, T20, TP2, TP13	None	193	245	Forbidden	Forbidden	D	40
	Bromoacetyl bromide	8	UN2513	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	C	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102 (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age		
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)	
	Bromobenzene	3	UN2514	III	3	B1, IB3, T2, TP1	150	203	242	60 L Forbidden	220 L 30 L	A D	..... 12, 40
	Bromobenzyl cyanides, liquid	6.1	UN1694	I	6.1	T14, TP2, TP13	None	201	243 .....	.....	.....	.....	.....
	Bromobenzyl cyanides, solid	6.1	UN1694	I	6.1	T14, TP2, TP13	None	211	242 .....	.....	50 kg 60 L	D B	12, 40 40
	1-Bromobutane	3	UN1126	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40	
	2-Bromobutane	3	UN2339	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	40	
	Bromochloromethane	6.1	UN1887	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	2-Bromoethyl ethyl ether	3	UN2340	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40	
	Bromoform	6.1	UN2515	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	12, 40	
	Bromomethylpropanes	3	UN2342	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	2-Bromopentane	3	UN2343	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Bromopropanes	3	UN2344	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40	
	.....	.....	.....	.....	.....	IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	3-Bromopropyne	3	UN2345	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	D	40	
	Bromosilane	ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Bromotoluene-alpha, see Benzyl bromide.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Bromotrifluoroethylene	2.1	UN2419	2.1	None	304	314, 315.	ForbIDDEN	150 kg	B	40
	Bromotrifluoromethane or Refrigerant gas, R 13B1..	2.2	UN1009	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Brucine	6.1	UN1570	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
	Bursters, explosive	1.1D	UN0043	II	1.1D ..	.....	None	62	None .....	.....	ForbIDDEN	07	.....
	Butadienes, stabilized	2.1	UN1010	2.1	T50	306	304	314, 315.	ForbIDDEN	150 kg	B	40
	Butane see also Petroleum gases, liquefied.	2.1	UN1011	2.1	19, T50	306	304	314, 315.	ForbIDDEN	150 kg	E	40
	Butane, butane mixtures and mixtures having similar properties in cartridges each not exceeding 500 grams, see Receptacles, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Butanedione	3	UN2346	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	1,2,4-Butanetriol trinitrate	ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Butanols	3	UN1120	II	3	IB2, T4, TP1, TP29	150	202	242	5 L	60 L	B	.....
	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A
	tert-Butoxycarbonyl azide	ForbIDDEN	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B
	Butyl acetates	3	UN1123	II	3	IB2, T4, TP1	150	202	242	60 L	220 L	A	
	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A

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D	Butyl acid phosphate	8	UN1718	III	8	IB3, T4, TP1 B1, IB3, T2, TP1	154	203	241	5 L 60 L	60 L 220 L	A A
	Butyl acrylates, stabilized	3	UN2348	III	3 .....	.....	150	203	242 .....	.....	.....	.....	.....
	<i>Butyl alcohols, see Butanols</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Butyl benzenes	3	UN2709	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>n-Butyl bromide, see 1-Bromobutane.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>n-Butyl chloride, see Chlorobutanes.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	sec-Butyl chloroformate	6.1	NA2742	I	6.1, 3, 8.	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	1 L	30 L	A	12, 13, 22, 25, 40, 48, 100
	n-Butyl chloroformate	6.1	UN2743	I	6.1, 8, 3.	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	A	12, 13, 21, 25, 40, 100
	<i>Butyl ethers, see Dibutyl ethers</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Butyl ethyl ether, see Ethyl butyl ether.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	n-Butyl formate	3	UN1128	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>tert-Butyl hydroperoxide, with more than 90 percent with water.</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	tert-Butyl hypochlorite	4.2	UN3255	I	4.2, 8	IB2, T7, TP2	None	211	243	Forbidden	Forbidden	D	.....
	N-n-Butyl imidazole	6.1	UN2690	II	6.1	1, A7, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	202	243	5 L	60 L	A	.....
	tert-Butyl isocyanate	6.1	UN2484	I	6.1, 3	.....	None	226	244	Forbidden	Forbidden	D	40
	n-Butyl isocyanate	6.1	UN2485	I	6.1, 3	2, A7, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Butyl mercaptans	3	UN2347	II	3	A3, IB2, T4, TP1	150	202	242	5 L	60 L	D	26, 95
	n-Butyl methacrylate, stabilized	3	UN2227	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Butyl methyl ether	3	UN2350	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Butyl nitrites	3	UN2351	I	3	T11, TP1, TP8, TP27	150	201	243	1 L	30 L	E	40
	.....	.....	.....	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	<i>tert-Butyl peroxyacetate, with more than 76 percent in solution.</i>	Forbidden	.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40
	<i>n-Butyl peroxydicarbonate, with more than 52 percent in solution.</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>tert-Butyl peroxyisobutyrate, with more than 77 percent in solution.</i>	Forbidden

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102) (7)	(8) Packaging §173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	<i>Butyl phosphoric acid, see Butyl acid phosphate.</i>												
	Butyl propionates	3	UN1914	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	5-tert-Butyl-2,4,6-trinitro-m-xy-lene or Musk xylene.	4.1	UN2956	III	4.1		None	214	None	Forbidden	Forbidden	D	12
	Butyl vinyl ether, stabilized	3	UN2352	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	n-Butylaniline	3	UN1125	II	3, 8	IB2, T7, TP1	None	202	242	1 L	5 L	B	40
	N-Butylaniline	6.1	UN2738	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	tert-Butylcyclohexylchloroformate	6.1	UN2747	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	12, 13, 25
	Butylene see also Petroleum gases, liquefied.	2.1	UN1012	.....	2.1	19, T50	None	304	314, 315.	Forbidden	150 kg	E	40
	1,2-Butylene oxide, stabilized	3	UN3022	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	49
	Butyltoluenes	6.1	UN2667	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Butyltrichlorosilane	8	UN1747	II	8, 3	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	243	Forbidden	30 L	C	40
	1,4-Butynediol	6.1	UN2716	III	6.1	A1, IB8, IP3	None	213	240	100 kg	200 kg	A	61, 70
	Butyraldehyde	3	UN1129	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Butyraldoxime	3	UN2840	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Butyric acid	8	UN2820	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	12
	Butyric anhydride	8	UN2739	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Butyronitrile	3	UN2411	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40
	Butyryl chloride	3	UN2353	II	3, 8	IB2, T8, TP2, TP12, TP13	None	202	243	1 L	5 L	C	40
	Cacodylic acid	6.1	UN1572	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	E	26
	Cadmium compounds	6.1	UN2570	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Caesium hydroxide	8	UN2682	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	Caesium hydroxide solution	8	UN2681	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Calcium	4.3	UN1401	II	4.3	IB7, IP2	151	212	241	15 kg	50 kg	E	.....
	Calcium arsenate	6.1	UN1573	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Calcium arsenate and calcium arsenite, mixtures, solid.	6.1	UN1574	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Calcium permanganate	5.1	UN1456	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	D	56, 58, 69, 106, 107
	Calcium peroxide	5.1	UN1457	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	13, 75, 106
	Calcium phosphide	4.3	UN1360	I	4.3, 6.1.	A8, A19, N40	None	211	242	ForbIDDEN	15 kg	E	40, 85
	Calcium, pyrophoric or Calcium alloys, pyrophoric.	4.2	UN1855	I	4.2		None	187	None	ForbIDDEN	ForbIDDEN	D	.....
	Calcium resinate	4.1	UN1313	III	4.1	A1, A19, IB6	None	213	240	25 kg	100 kg	A	.....
	Calcium resinate, fused	4.1	UN1314	III	4.1	A1, A19, IB4	None	213	240	25 kg	100 kg	A	.....
	<i>Calcium selenate, see Selenates or Selenites.</i>												.....
	Calcium silicide	4.3	UN1405	II	4.3	A19, IB7, IP2	151	212	241	15 kg	50 kg	B	85, 103
				III	4.3	A1, A19, IB8, IP4	151	213	241	25 kg	100 kg	B	85, 103
	Camphor oil	3	UN1130	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Camphor, synthetic	4.1	UN2717	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	A	.....
	<i>Cannon primers, see Primers, tubular.</i>												.....
	Caproic acid	8	UN2829	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	<i>Caps, blasting, see Detonators, etc.</i>												.....
	Carbamate pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2758	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	ForbIDDEN	30 L	B	40
				II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Carbamate pesticides, liquid, toxic.	6.1	UN2992	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
				II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Carbamate pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN2991	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
				II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40

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Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
	Cartridges, explosive, see Charges, demolition.	.....	.....				.....	.....	.....	.....	.....	.....	.....
	Cartridges, flash	1.1G	UN0049	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges, flash	1.3G	UN0050	II	1.3G ..		None	62	None	Forbidden	75 kg	07	.....
	Cartridges for weapons, blank ...	1.1C	UN0326	II	1.1C ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges for weapons, blank ...	1.2C	UN0413	II	1.2C ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges for weapons, blank or Cartridges, small arms, blank.	1.4S	UN0014	II	None		63	62	None	25 kg	100 kg	05	.....
	Cartridges for weapons, blank or Cartridges, small arms, blank.	1.3C	UN0327	II	1.3C ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges for weapons, blank or Cartridges, small arms, blank.	1.4C	UN0338	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Cartridges for weapons, blank or Cartridges, small arms, blank.	1.2C	UN0328	II	1.2C ..		None	62	None	Forbidden	Forbidden	03	.....
	Cartridges for weapons, inert projectile.	1.4S	UN0012	II	None		63	62	None	25 kg	100 kg	05	.....
	Cartridges for weapons, inert projectile or Cartridges, small arms.	1.4C	UN0339	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Cartridges for weapons, inert projectile or Cartridges, small arms.	1.3C	UN0417	II	1.3C ..		None	62	None	Forbidden	Forbidden	06	.....
	Cartridges for weapons, <i>with bursting charge</i> .	1.1F	UN0005	II	1.1F ..		None	62	None	Forbidden	Forbidden	08	.....
	Cartridges for weapons, <i>with bursting charge</i> .	1.1E	UN0006	II	1.1E ..		None	62	None	Forbidden	Forbidden	03	.....
	Cartridges for weapons, <i>with bursting charge</i> .	1.2F	UN0007	II	1.2F ..		None	62	None	Forbidden	Forbidden	08	.....
	Cartridges for weapons, <i>with bursting charge</i> .	1.2E	UN0321	II	1.2E ..		None	62	None	Forbidden	Forbidden	03	.....
	Cartridges for weapons, <i>with bursting charge</i> .	1.4F	UN0348	II	1.4F ..		None	62	None	Forbidden	Forbidden	08	.....
	Cartridges for weapons, <i>with bursting charge</i> .	1.4E	UN0412	II	1.4E ..		None	62	None	Forbidden	75 kg	02	.....
	Cartridges, oil well	1.3C	UN0277	II	1.3C ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges, oil well	1.4C	UN0278	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Cartridges, power device	1.3C	UN0275	II	1.3C ..		None	62	None	Forbidden	75 kg	07	.....
	Cartridges, power device	1.4C	UN0276	II	1.4C ..		110	None	62	None	Forbidden	75 kg	06

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D	Cartridges, power device	1.4S	UN0323	II	1.4S ..	110	63	62	None	25 kg Forbidden	100 kg Forbidden	05
	Cartridges, power device	1.2C	UN0381	II	1.2C ..	.....	.....	.....	.....	.....	.....	07	.....
	Cartridges, safety, blank, see Cartridges for weapons, blank (UN 0014).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cartridges, safety, see Cartridges for weapons, other than blank or Cartridges, power device (UN 0323).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cartridges, signal	1.3G	UN0054	II	1.3G ..	.....	None	62	None	ForbIDDEN	75 kg	07	.....
	Cartridges, signal	1.4G	UN0312	II	1.4G ..	.....	None	62	None	ForbIDDEN	75 kg	06	.....
	Cartridges, signal	1.4S	UN0405	II	1.4S ..	.....	None	62	None	25 kg	100 kg	05	.....
	Cartridges, small arms	ORM-D	.....	None	.....	63	None	None	30 kg gross	30 kg gross	A	.....	.....
	Cartridges, sporting, see Cartridges for weapons, other than blank.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cartridges, starter, jet engine, see Cartridges, power device.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
A W	Cases, cartridge, empty with primer.	1.4S	UN0055	II	1.4S ..	50	None	62	None	25 kg	100 kg	05	.....
	Cases, cartridges, empty with primer.	1.4C	UN0379	II	1.4C ..	50	None	62	None	ForbIDDEN	75 kg	06	.....
	Cases, combustible, empty, without primer.	1.4C	UN0446	II	1.4C ..	.....	None	62	None	ForbIDDEN	75 kg	06	.....
	Cases, combustible, empty, without primer.	1.3C	UN0447	II	1.3C ..	.....	None	62	None	ForbIDDEN	ForbIDDEN	07	.....
G	Casinghead gasoline see Gasoline.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Castor beans or Castor meal or Castor pomace or Castor flake.	9	UN2969	II	None	IB8, IP2, IP4	155	204	240	No limit	No limit	E	34, 40
G	Caustic alkali liquids, n.o.s.	8	UN1719	II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	.....
	Caustic potash, see Potassium hydroxide etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Caustic soda, (etc.) see Sodium hydroxide etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cells, containing sodium	4.3	UN3292	II	4.3 .....	.....	189	189	189	25 kg gross	No limit	A	.....
	Celluloid, in block, rods, rolls, sheets, tubes, etc., except scrap.	4.1	UN2000	III	4.1 .....	.....	None	213	240	25 kg	100 kg	A	.....
	Celluloid, scrap	4.2	UN2002	III	4.2	IB8, IP3	None	213	241	ForbIDDEN	ForbIDDEN	D	.....
	Cement, see Adhesives containing flammable liquid.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cerium, slabs, ingots, or rods	4.1	UN1333	II	4.1	IB8, IP2, IP4, N34	None	212	240	15 kg	50 kg	A	74, 91
	Cerium, turnings or gritty powder	4.3	UN3078	II	4.3	A1, IB7, IP2	151	212	242	15 kg	50 kg	E

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di-vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age		
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)							(10A)	(10B)
D	Cesium or Caesium	4.3	UN1407	I	4.3	A19, IB1, IP1, N34, N40	None	211	242	Forbidden	15 kg	D	.....
	Cesium nitrate or Caesium ni-trate.	5.1	UN1451	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Charcoal briquettes, shell, screenings, wood, etc..	4.2	NA1361	III	4.2	IB8	151	213	240	25 kg	100 kg	A	12	
	Charges, bursting, plastics bonded.	1.1D	UN0457	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, bursting, plastics bonded.	1.2D	UN0458	II	1.2D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, bursting, plastics bonded.	1.4D	UN0459	II	1.4D ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, bursting, plastics bonded.	1.4S	UN0460	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
	Charges, demolition	1.1D	UN0048	II	1.1D ..		None	62	None	Forbidden	Forbidden	03	.....
	Charges, depth	1.1D	UN0056	II	1.1D ..		None	62	None	Forbidden	Forbidden	03	.....
	Charges, expelling, explosive, for fire extinguishers, see Cartridges, power device.						.....	.....	.....	.....	.....	.....	.....
	Charges, explosive, commercial without detonator.	1.1D	UN0442	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, explosive, commercial without detonator.	1.2D	UN0443	II	1.2D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, explosive, commercial without detonator.	1.4D	UN0444	II	1.4D ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, explosive, commercial without detonator.	1.4S	UN0445	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
	Charges, propelling	1.1C	UN0271	II	1.1C ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, propelling	1.3C	UN0272	II	1.3C ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, propelling	1.2C	UN0415	II	1.2C ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, propelling	1.4C	UN0491	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, propelling, for cannon	1.3C	UN0242	II	1.3C ..		None	62	None	Forbidden	Forbidden	10	.....
	Charges, propelling, for cannon	1.1C	UN0279	II	1.1C ..		None	62	None	Forbidden	Forbidden	10	.....
	Charges, propelling, for cannon	1.2C	UN0414	II	1.2C ..		None	62	None	Forbidden	Forbidden	10	.....
	Charges, shaped, flexible, linear	1.4D	UN0237	II	1.4D ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, shaped, flexible, linear	1.1D	UN0288	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, shaped, without de-to-nator.	1.1D	UN0059	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	

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	Charges, shaped, <i>without detonator.</i>	1.2D	UN0439	II	1.2D ..		None	62	None	Forbidden	Forbidden	07
	Charges, shaped, <i>without detonator.</i>	1.4D	UN0440	II	1.4D ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, shaped, <i>without detonator.</i>	1.4S	UN0441	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
	Charges, supplementary explosive.	1.1D	UN0060	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
D	Chemical kit	8	NA1760	II	8		154	161	None	1 L	30 L	B	40
	Chemical kits	9	UN3316	.....	9	15	None	None	None	10 kg	10 kg	A	.....
	Chloral, anhydrous, stabilized ...	6.1	UN2075	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	D	40
	Chlorate and borate mixtures ...	5.1	UN1458	II	5.1	A9, IB8, IP2, IP4, N34	152	212	240	5 kg	25 kg	A	56, 58, 106
				III	5.1	A9, IB8, IP3, N34	152	213	240	25 kg	100 kg	A	56, 58, 106
	Chlorate and magnesium chloride mixtures.	5.1	UN1459	II	5.1	A9, IB8, IP2, IP4, N34, T4, TP1	152	212	240	5 kg	25 kg	A	56, 58, 106
				III	5.1	A9, IB8, IP3, N34, T4, TP1	152	213	240	25 kg	100 kg	A	56, 58, 106
	<i>Chlorate of potash</i> , see Potassium chloride.												.....
	<i>Chlorate of soda</i> , see Sodium chloride.												.....
	Chlorates, inorganic, aqueous solution, n.o.s..	5.1	UN3210	II	5.1	IB2, T4, TP1	152	202	242	1 L	5 L	B	56, 58, 106
	Chlorates, inorganic, n.o.s.	5.1	UN1461	II	5.1	A9, IB6, IP2, N34	152	212	242	5 kg	25 kg	A	56, 58, 106
	Chloric acid aqueous solution, <i>with not more than 10 percent chloric acid.</i>	5.1	UN2626	II	5.1	IB2	None	229	None	Forbidden	Forbidden	D	56, 58, 106
	<i>Chloride of phosphorus</i> , see Phosphorus trichloride.												.....
	<i>Chloride of sulfur</i> , see Sulfur chloride.												.....
	<i>Chlorinated lime</i> , see Calcium hypochlorite mixtures, etc.												.....
	Chlorine	2.3	UN1017	.....	2.3, 8	2, B9, B14, T50, TP19	None	304	314, 315.	Forbidden	Forbidden	D	40, 51, 55, 62, 68, 89, 90
D	Chlorine azide	Forbidden	5.1	NA9191	II	5.1, 6.1.		None	229	None ....	.....	.....	.....
	Chlorine dioxide, hydrate, frozen									Forbidden	Forbidden	E	.....
	<i>Chlorine dioxide (not hydrate)</i>	Forbidden	2.3	UN2548	.....	2.3, 5.1, 8.	1, B7, B9, B14	None	304	314 .....	.....	.....	.....
	Chlorine pentafluoride									Forbidden	Forbidden	D	40, 89, 90
	Chlorine trifluoride	2.3	UN1749	2.3, 5.1, 8.	2, B7, B9, B14	None	304	314	Forbidden	Forbidden	D	40, 89, 90

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	Chlorite solution	8	UN1908	II	8	A3, A6, A7, B2, IB2, N34, T7, TP2, TP24	154	202	242	1 L	30 L	B	26
	.....			III	8	A3, A6, A7, B2, IB3, N34, T4, TP2, TP24	154	203	241	5 L	60 L	B	26
	Chlorites, inorganic, n.o.s.	5.1	UN1462	II	5.1	A7, IB6, IP2, N34	152	212	242	5 kg	25 kg	A	56, 58, 106
	1-Chloro-1,1-difluoroethane or Refrigerant gas R 142b.	2.1	UN2517	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	3-Chloro-4-methylphenyl isocyanate.	6.1	UN2236	II	6.1	IB2	None	202	243	5 L	60 L	B	40
	1-Chloro-1,2,2,2-tetrafluoroethane or Refrigerant gas R 124.	2.2	UN1021	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	4-Chloro-o-toluidine hydro- chloride.	6.1	UN1579	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	1-Chloro-2,2,2-trifluoroethane or Refrigerant gas R 133a.	2.2	UN1983	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Chloroacetic acid, molten	6.1	UN3250	II	6.1, 8	IB1, T7, TP3	None	202	243	Forbidden	Forbidden	C	40
	Chloroacetic acid, solid	6.1	UN1751	II	6.1, 8	A3, A7, IB8, IP4, N34	None	212	242	15 kg	50 kg	A	40
	Chloroacetic acid, solution	6.1	UN1750	II	6.1, 8	A7, IB2, N34, T7, TP2	None	202	243	1 L	30 L	C	40
	Chloroacetone, stabilized	6.1	UN1695	I	6.1, 3, 8.	2, B9, B14, B32, B74, N12, N32, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	21, 40, 100
+ Chloroacetone (unstabilized)	Forbidden						.....	.....	.....	.....	.....		.....
+ Chloroacetonitrile	6.1	UN2668	II	6.1, 3	2, B9, B14, B32, B74, IB99, T20, TP2, TP38, TP45	None	227	244	Forbidden	Forbidden	A	12, 26, 40	
Chloroacetophenone (CN), liquid	6.1	UN1697	II	6.1	A3, IB2, N12, N32, N33, T11, TP2, TP13, TP27	None	202	243	Forbidden	60 L	D	12, 40	

	Chloroacetophenone (<i>CN</i>), solid	6.1	UN1697	II	6.1	A3, IB8, IP2, IP4, N12, N32, N33, N34, T7, TP2, TP13	None	212	None	Forbidden	100 kg	D	12, 40
	Chloroacetyl chloride	6.1	UN1752	I	6.1, 8	2, A3, A6, A7, B3, B8, B9, B14, B32, B74, B77, N34, N43, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Chloroanilines, liquid	6.1	UN2019	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Chloroanilines, solid	6.1	UN2018	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	Chloroanisidines	6.1	UN2233	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Chlorobenzene	3	UN1134	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Chlorobenzol</i> , see Chlorobenzene.												.....
	Chlorobenzotrifluorides	3	UN2234	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40
	Chlorobenzyl chlorides	6.1	UN2235	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Chlorobutanes	3	UN1127	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Chlorocresols, liquid	6.1	UN2669	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	12
	Chlorocresols, solid	6.1	UN2669	II	6.1	IB8, IP2, IP3, T7	None	212	242	25 kg	100 kg	A	12
	Chlorodifluorobromomethane or Refrigerant gas R 12B1.	2.2	UN1974	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Chlorodifluoromethane and chloropentafluoroethane mixture or Refrigerant gas R 502 with fixed boiling point, with approximately 49 percent chlorodifluoromethane.	2.2	UN1973	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
+ G	Chlorodifluoromethane or Refrigerant gas R 22.	2.2	UN1018	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
+ G	Chlorodinitrobenzenes	6.1	UN1577	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	91
	2-Chloroethanal	6.1	UN2232	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Chloroform	6.1	UN1888	III	6.1	IB3, N36, T7, TP2	153	203	241	60 L	220 L	A	40
G	Chloroformates, toxic, corrosive, flammable, n.o.s..	6.1	UN2742	II	6.1, 8, 3.	5, IB1, T7, TP2	None	202	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
G	Chloroformates, toxic, corrosive, n.o.s..	6.1	UN3277	II	6.1, 8	IB2, T8, TP2, TP13, TP28	None	202	243	1 L	30 L	A	12, 13, 25, 40
	Chloromethyl chloroformate	6.1	UN2745	II	6.1, 8	IB2, T7, TP2, TP13	None	202	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
	Chloromethyl ethyl ether	3	UN2354	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Chloronitroanilines	6.1	UN2237	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	+ Chloronitrobenzene, <i>ortho</i> , liquid	6.1	UN1578	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	A	.....
	+ Chloronitrobenzenes <i>meta</i> or <i>para</i> , solid.	6.1	UN1578	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	Chloronitrotoluenes, liquid	6.1	UN2433	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Chloronitrotoluenes, solid	6.1	UN2433	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Chloropentfluoroethane or Re- frigerant gas R 115.	2.2	UN1020	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Chlorophenolates, liquid or Phenolates, liquid.	8	UN2904	III	8	IB3	154	203	241	5 L	60 L	A	.....
	Chlorophenolates, solid or Phenolates, solid.	8	UN2905	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	Chlorophenols, liquid	6.1	UN2021	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Chlorophenols, solid	6.1	UN2020	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	Chlorophenyltrichlorosilane	8	UN1753	II	8	A7, B2, B6, IB2, N34, T7, TP2	None	202	242	ForbIDDEN	30 L	C	40
	+ Chloropicrin	6.1	UN1580	I	6.1	2, B7, B9, B14, B32, B46, B74, T20, TP2, TP13, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	D	40
	Chloropicrin and methyl bromide mixtures.	2.3	UN1581	.....	2.3	2, B9, B14, T50	None	193	314, 315.	ForbIDDEN	ForbIDDEN	D	25, 40
	Chloropicrin and methyl chloride mixtures.	2.3	UN1582	.....	2.3	2, T50	None	193	245	ForbIDDEN	ForbIDDEN	D	25, 40
	<i>Chloropicrin mixture, flammable</i> (pressure not exceeding 14.7 psia at 115 degrees F flash point below 100 degrees F) see Toxic liquids, flammable, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Chloropicrin mixtures, n.o.s.	6.1	UN1583	I	6.1	5	None	201	243	ForbIDDEN	ForbIDDEN	C	40
	.....	.....	.....	II	6.1	IB2	None	202	243	ForbIDDEN	ForbIDDEN	C	40
	.....	.....	.....	III	6.1	IB3	153	203	241	ForbIDDEN	ForbIDDEN	C	40
D	Chloropivaloyl chloride	6.1	NA9263	I	6.1, 8	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	B	40
	Chloroplatinic acid, solid	8	UN2507	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....

Chloroprene, stabilized	3	UN1991	I	3, 6.1	B57, T14, TP2, TP13	None	201	243	Forbidden	30 L	D	40
<i>Chloroprene, uninhibited</i>	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
2-Chloropropane	3	UN2356	I	3	N36, T11, TP2, TP13	150	201	243	1 L	30 L	E	.....
3-Chloropropanol-1	6.1	UN2849	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
2-Chloropropene	3	UN2456	I	3	A3, N36, T11, TP2	150	201	243	1 L	30 L	E	.....
2-Chloropropionic acid	8	UN2511	III	8	IB3, T4, TP2	154	203	241	5 L	60 L	A	8
2-Chloropyridine	6.1	UN2822	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
Chlorosilanes, corrosive, flammable, n.o.s..	8	UN2986	II	8, 3	IB2, T11, TP2, TP27	None	202	243	1 L	30 L	C	40
Chlorosilanes, corrosive, n.o.s. ..	8	UN2987	II	8	B2, IB2, T14, TP2, TP27	154	202	242	1 L	30 L	C	40
Chlorosilanes, flammable, corrosive, n.o.s..	3	UN2985	II	3, 8	IB1, T11, TP2, TP13, TP27	None	201	243	1 L	5 L	B	40
Chlorosilanes, water-reactive, flammable, corrosive, n.o.s..	4.3	UN2988	I	4.3, 3, 8.	A2, T10, TP2, TP7, TP13	None	201	244	Forbidden	1 L	D	21, 28, 40, 49, 100
+ Chlorosulfonic acid (<i>with or without sulfur trioxide</i>).	8	UN1754	I	8, 6.1	2, A3, A6, A10, B9, B10, B14, B32, B74, T20, TP2, TP12, TP38, TP45	None	227	244	Forbidden	Forbidden	C	40
Chlorotoluenes	3	UN2238	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Chlorotoluidines <i>liquid</i>	6.1	UN2239	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	.....
Chlorotoluidines <i>solid</i>	6.1	UN2239	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
Chlorotrifluoromethane and trifluoromethane azeotropic mixture or Refrigerant gas R 503 with approximately 60 percent chlorotrifluoromethane.	2.2	UN2599	.....	2.2		306	304	314, 315.	75 kg	150 kg	A	.....
Chlorotrifluoromethane or Refrigerant gas R 13.	2.2	UN1022	.....	2.2		306	304	314, 315.	75 kg	150 kg	A	.....
Chromic acid solution	8	UN1755	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	C	40
.....	.....	.....	III	8	IB3, T4, TP1, TP12	154	203	241	5 L	60 L	C	40
<i>Chromic anhydride, see Chromium trioxide, anhydrous.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chromic fluoride, solid	8	UN1756	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	26
Chromic fluoride, solution	8	UN1757	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
.....	.....	.....	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
Chromium nitrate	5.1	UN2720	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Chromium oxychloride	8	UN1758	I	8	A3, A6, A7, B10, N34, T10, TP2, TP12	None	201	243	0.5 L	2.5 L	C	40, 66, 74, 89, 90
Chromium trioxide, anhydrous ...	5.1	UN1463	II	5.1, 8	IB8, IP4	None	212	242	5 kg	25 kg	A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102 (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age		
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)	
D G	Chromosulfuric acid	8	UN2240	I	8	A3, A6, A7, B4, B6, N34, T10, TP2, TP12, TP13	None	201	243	0.5 L	2.5 L	B	40, 66, 74, 89, 90	
G	<i>Chromyl chloride, see Chromium oxychloride.</i> .....				.....		.....	.....	.....	.....	.....		.....
G	<i>Cigar and cigarette lighters, charged with fuel, see Lighters for cigars, cigarettes, etc.</i> .....				.....		.....	.....	.....	.....	.....		.....
G	<i>Coal briquettes, hot</i>	Forbidden 2.3	UN1023	.....	2.3, 2.1.	3	None	302	314, 315.	Forbidden	25 kg	D	40
D G	Coal gas, compressed						150	202	242	5 L	60 L	B	.....
D G	Coal tar distillates, flammable	3	UN1136	II	3	IB2, T4, TP1 B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
D G	<i>Coal tar dye, corrosive, liquid, n.o.s. see Dyes, liquid or solid, n.o.s. or Dye intermediates, liquid or solid, corrosive, n.o.s..</i> .....				.....		.....	.....	.....	.....	.....		.....
G	Coating solution (<i>includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining.</i>)	3	UN1139	I	3	T11, TP1, TP8, TP27	150	201	243	1 L	30 L	E	.....
G				II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
D G	Cobalt naphthenates, powder	4.1	UN2001	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
D G	Cobalt resinate, precipitated	4.1	UN1318	III	4.1	A19, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
G	<i>Coke, hot</i>	Forbidden		III	4.1	A1, A19, IB6	151	213	240	25 kg	100 kg	A	.....
G	<i>Collodion, see Nitrocellulose etc</i> .....						.....	.....	.....	.....	.....		.....
G	Combustible liquid, n.o.s.	Combustible 1.2B	NA1993 UN0382	III	None 1.2B ...	IB3, T1, T4, TP1 101	150	203	241	60 L	220 L	A	.....
G	Components, explosive train, n.o.s..			II	1.4B ...		101	None	62	None	Forbidden	11	.....
G	Components, explosive train, n.o.s..	1.4B	UN0383	II	1.4B ...		101	None	62	None	Forbidden	75 kg	06
G	Components, explosive train, n.o.s..	1.4S	UN0384	II	1.4S ...		101	None	62	None	25 kg	100 kg	05

G	Components, explosive train, n.o.s..	1.1B	UN0461	II	1.1B ...	101	None	62	None	Forbidden	Forbidden	11	.....
D G	Composition B, see Hexolite, etc	.....	8	NA1760	I	8	A7, B10, T14, TP2, TP9, TP27	None	201	243 .....	.....	0.5 L	2.5 L B	40
D G	Compounds, cleaning liquid .....	.....	.....	.....	II	8	B2, IB2, N37, T11, TP2, TP27	154	202	242 .....	.....	1 L	30 L B	40
D G	.....	.....	.....	.....	III	8	IB3, N37, T7, TP1, TP28	154	203	241 .....	.....	5 L	60 L A	40
D G	Compounds, cleaning liquid	3	NA1993	I	3	T11, TP1, TP9	150	201	243 .....	.....	1 L	30 L E	.....	.....
D G	.....	.....	.....	.....	II	3	IB2, T7, TP1, TP8, TP28	150	202	242 .....	.....	5 L	60 L B	.....
D G	Compounds, tree killing, liquid or Compounds, weed killing, liquid.	8	NA1760	I	8	B1, B52, IB3, T4, TP1, TP29	150	203	242 .....	.....	60 L	220 L A	.....	.....
D G	.....	.....	.....	.....	II	8	A7, B10, T14, TP2, TP9, TP27	None	201	243 .....	.....	0.5 L	2.5 L B	40
D G	.....	.....	.....	.....	III	8	B2, IB2, N37, T11, TP2, TP27	154	202	242 .....	.....	1 L	30 L B	40
D G	Compounds, tree killing, liquid or Compounds, weed killing, liquid.	3	NA1993	I	3	IB3, N37, T7, TP1, TP28	154	203	241 .....	.....	5 L	60 L A	40	.....
D G	.....	.....	.....	.....	II	3	T11, TP1, TP9	150	201	243 .....	.....	1 L	30 L E	.....
D G	.....	.....	.....	.....	III	3	IB2, T7, TP1, TP8, TP28	150	202	242 .....	.....	5 L	60 L B	.....
D G	Compounds, tree killing, liquid or Compounds, weed killing, liquid.	6.1	NA2810	I	6.1	B1, B52, IB3, T4, TP1, TP29	150	203	242 .....	.....	60 L	220 L A	.....	.....
D G	.....	.....	.....	.....	II	6.1	T14, TP2, TP13, TP27	None	201	243 .....	.....	1 L	30 L B	40
D G	.....	.....	.....	.....	III	6.1	IB2, T11, TP2, TP27	None	202	243 .....	.....	5 L	60 L B	40
G	.....	.....	.....	.....	II	6.1	IB3, T7, TP1, TP28	153	203	241 .....	.....	60 L	220 L A	40
G	Compressed gas, flammable, n.o.s..	2.1	UN1954	.....	2.1 ....	.....	306	302, 305.	314, 315.	.....	.....	ForbIDDEN	150 kg D	40
G	Compressed gas, n.o.s.	2.2	UN1956	.....	2.2 ....	.....	306, 307.	302, 305.	314, 315.	.....	.....	75 kg	150 kg A	.....
G	Compressed gas, oxidizing, n.o.s..	2.2	UN3156	.....	2.2, 5.1.	.....	306	302	314, 315.	.....	.....	75 kg	150 kg D	.....
G I	Compressed gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone A</i> .	2.3	UN3304	.....	2.3, 8	1	None	192	245 .....	.....	.....	ForbIDDEN	ForbIDDEN D	40
G I	Compressed gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone B</i> .	2.3	UN3304	.....	2.3, 8	2	None	302, 305.	314, 315.	.....	.....	ForbIDDEN	ForbIDDEN D	40
G I	Compressed gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone C</i> .	2.3	UN3304	2.3, 8	3	None	302, 305.	314, 315.	ForbIDDEN	ForbIDDEN D	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
G I	Compressed gas, toxic, corro-sive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3304	.....	2.3, 8	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G I	Compressed gas, toxic, flam-mable, corrosive, n.o.s. <i>Inha-lation Hazard Zone A.</i>	2.3	UN3305	.....	2.3, 2.1, 8.	1	None	192	245	Forbidden	Forbidden	D	17, 40
G I	Compressed gas, toxic, flam-mable, corrosive, n.o.s. <i>Inha-lation Hazard Zone B.</i>	2.3	UN3305	.....	2.3, 2.1, 8.	2	None	302, 305.	314, 315.	Forbidden	Forbidden	D	17, 40
G I	Compressed gas, toxic, flam-mable, corrosive, n.o.s. <i>Inha-lation Hazard Zone C.</i>	2.3	UN3305	.....	2.3, 2.1, 8.	3	None	302, 305.	314, 315.	Forbidden	Forbidden	D	17, 40
G I	Compressed gas, toxic, flam-mable, corrosive, n.o.s. <i>Inha-lation Hazard Zone D.</i>	2.3	UN3305	.....	2.3, 2.1, 8.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	17, 40
G	Compressed gas, toxic, flam-mable, n.o.s. <i>Inhalation haz ard Zone A.</i>	2.3	UN1953	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, flam-mable, n.o.s. <i>Inhalation haz ard Zone B.</i>	2.3	UN1953	.....	2.3, 2.1.	2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, flam-mable, n.o.s. <i>Inhalation Haz ard Zone C.</i>	2.3	UN1953	.....	2.3, 2.1.	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, flam-mable, n.o.s. <i>Inhalation Haz ard Zone D.</i>	2.3	UN1953	.....	2.3, 2.1.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN1955	.....	2.3	1	None	192	245	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN1955	.....	2.3	2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN1955	.....	2.3	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN1955	.....	2.3	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G I	Compressed gas, toxic, oxidi-zing, corrosive, n.o.s. <i>In-hala-tion Hazard Zone A.</i>	2.3	UN3306	.....	2.3, 5.1, 8.	1	None	192	244	Forbidden	Forbidden	D	40, 89, 90

G I	Compressed gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3306	.....	2.3, 5.1, 8.	2	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G I	Compressed gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3306	.....	2.3, 5.1, 8.	3	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G I	Compressed gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3306	.....	2.3, 5.1, 8.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G	Compressed gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3303	.....	2.3, 5.1.	1	None	192	245	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3303	.....	2.3, 5.1.	2	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3303	.....	2.3, 5.1.	3	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3303	.....	2.3, 5.1.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
D	Consumer commodity	ORM-D		.....	None		156, 306.	156, 306.	None	30 kg gross	30 kg gross	A	.....
	Contrivances, water-activated, with burster, expelling charge or propelling charge.	1.2L	UN0248	II	1.2L ...	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Contrivances, water-activated, with burster, expelling charge or propelling charge.	1.3L	UN0249	II	1.3L ...	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Copper acetoarsenite	6.1	UN1585	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Copper acetylide	Forbidden					.....	.....	.....	.....	.....		.....
	Copper amine azide	Forbidden					.....	.....	.....	.....	.....		.....
	Copper arsenite	6.1	UN1586	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Copper based pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2776	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
				II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Copper based pesticides, liquid, toxic.	6.1	UN3010	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
				II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Copper based pesticides, liquid, toxic, flammable <i>flash point not less than 23 degrees C.</i>	6.1	UN3009	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
A W	Copper based pesticides, solid, toxic.	6.1	UN2775	II	6.1, 3	IB2, T11, TP2, TP13, TP27 B1, IB3, T7, TP2, TP28	None	202	243	5 L	60 L	B	40
							153	203	242	60 L	220 L	A	40
	Copper chlorate	5.1	UN2721	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	Copper chloride	8	UN2802	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	Copper cyanide	6.1	UN1587	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Copper selenate, see Selenates or Selenites.			II	5.1	A1, IB8, IP2, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106
	Copper selenite, see Selenates or Selenites.												
	Copper tetramine nitrate												
	Copra	4.2	UN1363	III	4.2	IB8, IP3, IP6	None	213	241	ForbIDDEN	ForbIDDEN	A	13, 19, 48, 119
	Cord, detonating, <i>flexible</i>	1.1D	UN0065	II	1.1D ..	102	63(a)	62	None ...	ForbIDDEN	ForbIDDEN	07	.....
G	Cord, detonating, <i>flexible</i>	1.4D	UN0289	II	1.4D ..		None	62	None ...	ForbIDDEN	75 kg	06	.....
	Cord detonating or Fuse detonating metal clad.	1.2D	UN0102	II	1.2D ..		None	62	None ...	ForbIDDEN	ForbIDDEN	07	.....
	Cord, detonating or Fuse, detonating metal clad.	1.1D	UN0290	II	1.1D ..		None	62	None ...	ForbIDDEN	ForbIDDEN	07	.....
	Cord, detonating, mild effect or Fuse, detonating, mild effect metal clad.	1.4D	UN0104	II	1.4D ..		None	62	None ...	ForbIDDEN	75 kg	06	.....
	Cord, igniter	1.4G	UN0066	II	1.4G ..		None	62	None ...	ForbIDDEN	75 kg	06	.....
	Cordeau detonant fuse, see Cord, detonating, etc; Cord, detonating, <i>flexible</i> .												
	Cordite, see Powder, smokeless												
	Corrosive liquid, acidic, inorganic, n.o.s..	8	UN3264	I	8	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
				II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
				III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40

G	Corrosive liquid, acidic, organic, n.o.s..	8	UN3265	I	8	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
	.....			II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
	.....			III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
G	Corrosive liquid, basic, inorganic, n.o.s..	8	UN3266	I	8	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
	.....			II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
	.....			III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
G	Corrosive liquid, basic, organic, n.o.s..	8	UN3267	I	8	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
	.....			II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
	.....			III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
G	Corrosive liquid, self-heating, n.o.s..	8	UN3301	I	8, 4.2	B10	None	201	243	0.5 L	2.5 L	D	.....
	.....			II	8, 4.2	B2, IB1	154	202	242	1 L	30 L	D	.....
G	Corrosive liquids, flammable, n.o.s..	8	UN2920	I	8, 3 ...	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	C	25, 40
	.....			II	8, 3 ...	B2, IB2, T11, TP2, TP27	None	202	243	1 L	30 L	C	25, 40
G	Corrosive liquids, n.o.s..	8	UN1760	I	8	A7, B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
	.....			II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
	.....			III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
G	Corrosive liquids, oxidizing, n.o.s..	8	UN3093	I	8, 5.1	IB2	None	201	243	Forbidden	2.5 L	C	89
	.....			II	8, 5.1	A7, B10, T14, TP2, TP13, TP27	None	202	243	1 L	30 L	C	89
G	Corrosive liquids, toxic, n.o.s..	8	UN2922	I	8, 6.1	IB3, IB2, T7, TP2	None	201	243	0.5 L	2.5 L	B	40
	.....			II	8, 6.1	IB3, T7, TP1, TP28	154	203	241	1 L	30 L	B	40
	.....			III	8, 6.1	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	B	40
G	Corrosive liquids, water-reactive, n.o.s..	8	UN3094	I	8, 4.3	IB7, IP1	None	201	243	Forbidden	1 L	E	.....
	.....			II	8, 4.3	IB7, IP2, IP4	None	202	243	1 L	5 L	E	.....
G	Corrosive solid, acidic, inorganic, n.o.s..	8	UN3260	I	8	IB8, IP3	154	211	242	1 kg	25 kg	B	.....
	.....			II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	B	.....
G	Corrosive solid, acidic, organic, n.o.s..	8	UN3261	I	8	IB7, IP1	154	211	242	25 kg	100 kg	A	.....
			II	8	IB8, IP2, IP4	154	212	240	1 kg	25 kg	B
			III	8	IB8, IP3	154	213	240	15 kg	50 kg	B
			III	8	IB8, IP3	154	213	240	25 kg	100 kg	A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air-craft only	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(9A)	(9B)	(10A)	(10B)			
G	Corrosive solid, basic, inorganic, n.o.s..	8	UN3262	I	8	IB7, IP1	None	211	242	1 kg	25 kg	B	.....
						II 8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	B
G	Corrosive solid, basic, organic, n.o.s..	8	UN3263	I	8	IB7, IP1	154	213	240	25 kg	100 kg	A	.....
						II 8	IB8, IP2, IP4	154	212	240	1 kg	25 kg	B
G	Corrosive solids, flammable, n.o.s..	8	UN2921	I	8, 4.1	IB6	None	211	242	1 kg	25 kg	B	12, 25
						II 8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	B
G	Corrosive solids, n.o.s..	8	UN1759	I	8	IB7, IP1	None	211	242	1 kg	25 kg	B	.....
						II 8	128, IB8, IP2, IP4	154	212	240	15 kg	50 kg	A
G	Corrosive solids, oxidizing, n.o.s..	8	UN3084	III	8	IB2, IB8, IP3	154	213	240	25 kg	100 kg	A	.....
						I 8, 5.1	None	211	242	1 kg	25 kg	C
G	Corrosive solids, self-heating, n.o.s..	8	UN3095	I	8, 4.2	IB6, IP2	None	212	242	15 kg	50 kg	C	.....
						II 8	128, IB8, IP3	154	211	243	1 kg	25 kg	C
G	Corrosive solids, toxic, n.o.s..	8	UN2923	I	8, 4.2	IB6, IP2	None	212	242	15 kg	50 kg	C	.....
						I 8, 6.1	IB7	None	211	242	1 kg	25 kg	B
G	Corrosive solids, water-reactive, n.o.s..	8	UN3096	I	8, 4.3	IB4, IP1	None	213	240	25 kg	100 kg	B	40, 95
						II 8, 4.3	IB6, IP2	None	211	243	1 kg	25 kg
D W	Cotton	9	NA1365	9	137, IB8, IP2, IP4, W41	None	212	242	15 kg	50 kg	D
						II 8, 4.3	IB6, IP2	None	None	None	No limit	A
A W A I W	Cotton waste, oily	4.2	UN1364	III	4.2	IB8, IP6	None	213	None	Forbidden	Forbidden	A	54
	Cotton, wet						III 4.2	IB8, IP6	None	204	241	Forbidden	A
	Coumarin derivative pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN3024	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
						II 3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B
	Coumarin derivative pesticides, liquid, toxic.	6.1	UN3026	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40

			II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	B	40
			III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	40
Coumarin derivative pesticides, liquid, toxic, flammable <i>flash point not less than 23 degrees C.</i>	6.1	UN3025	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
			II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
			III	6.1, 3	B1, IB3, T7, TP1, TP28	153	203	242	60 L	220 L	A	40
Coumarin derivative pesticides, solid, toxic.	6.1	UN3027	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	A	40
			II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	A	40
			III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	40
Cresols	6.1	UN2076	II	6.1, 8	IB8, IP2, IP4, T7, TP2	None	202	243	1 L	30 L	B	.....
Cresylic acid	6.1	UN2022	II	6.1, 8	IB2, T7, TP2, TP13	None	202	243	1 L	30 L	B	.....
Crotonaldehyde, stabilized	6.1	UN1143	I	6.1, 3	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	B	40
Crotonic acid, <i>liquid</i>	8	UN2823	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	12
Crotonic acid, <i>solid</i>	8	UN2823	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	12
Crotynylene	3	UN1144	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
Cupriethylenediamine solution ...	8	UN1761	II	8, 6.1	IB2, T7, TP2	None	202	243	1 L	30 L	A	.....
			III	8, 6.1	IB3, T7, TP1, TP28	154	203	242	5 L	60 L	A	95
Cutters, cable, explosive	1.4S	UN0070	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
<i>Cyanide or cyanide mixtures, dry, see Cyanides, inorganic, solid, n.o.s..</i>						.....	.....	.....	.....	.....	.....	.....
Cyanide solutions, n.o.s.	6.1	UN1935	I	6.1	B37, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40, 52
			II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	A	40, 52
			III	6.1	IB3, T7, TP2, TP13, TP28	153	203	241	60 L	220 L	A	40, 52
Cyanides, inorganic, solid, n.o.s.	6.1	UN1588	I	6.1	IB7, IP1, N74, N75	None	211	242	5 kg	50 kg	A	52
			II	6.1	IB8, IP2, IP4, N74, N75	None	212	242	25 kg	100 kg	A	52
			III	6.1	IB8, IP3, N74, N75	153	213	240	100 kg	200 kg	A	52
Cyanogen	2.3	UN1026	2.3, 2.1.	2	None	192	245	Forbidden	Forbidden	D	40

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age		
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)	
152	Cyanogen bromide	6.1	UN1889	I	6.1, 8	A6, A8 IB8, IP2, IP4	None	211	242	1 kg	15 kg	D	40	
	Cyanogen chloride, stabilized	2.3	UN1589	.....	2.3, 8		None	192	245	Forbidden	Forbidden	D	40	
	Cyanuric chloride	8	UN2670	II	8		None	212	240	15 kg	50 kg	A	12, 40	
	Cyanuric triazine .....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	Cyclobutane	2.1	UN2601	.....	2.1		306	304	314, 315.	Forbidden	150 kg	B	40	
	Cyclobutyl chloroformate	6.1	UN2744	II	6.1, 8, 3.		IB1, T7, TP2, TP13	None	202	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
	1,5,9-Cyclododecatriene	6.1	UN2518	III	6.1		IB3, T4, TP1	153	203	241	60 L	220 L	A	40
	Cycloheptane	3	UN2241	II	3		IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Cycloheptatriene	3	UN2603	II	3, 6.1		IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40
	Cycloheptene	3	UN2242	II	3		B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
152	Cyclohexane	3	UN1145	II	3	B1, IB3, T2, TP1 IB2, T4, TP1 B1, IB3, T2, TP1 IB2, T4, TP1 A7, B2, IB2, N34, T7, TP2, TP13	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	Cyclohexanone	3	UN1915	III	3		B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Cyclohexene	3	UN2256	II	3		IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	Cyclohexenyltrichlorosilane	8	UN1762	II	8		N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	Cyclohexyl acetate	3	UN2243	III	3		B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Cyclohexyl isocyanate	6.1	UN2488	I	6.1, 3		2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Cyclohexyl mercaptan	3	UN3054	III	3		B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40, 95
	Cyclohexylamine	8	UN2357	II	8, 3		IB2, T7, TP2	None	202	243	1 L	30 L	A	40
	Cyclohexyltrichlorosilane	8	UN1763	II	8		A7, B2, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	Cyclonite and cyclotetramethylenetrinitramine mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	Cyclotrimethylenetrinitramine and HMX mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
	Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized.	1.1D	UN0483	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Cyclotrimethylenetrinitramine, wetted or Cyclonite, wetted or Hexogen, wetted or RDX, wetted with not less than 15 percent water by mass.	1.1D	UN0072	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Cymenes	3	UN2046	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Dangerous Goods in Machinery or Dangerous Goods in Apparatus.	9	UN3363	.....	.....	136	None	222	None	No limit	No limit	A	.....
	Decaborane	4.1	UN1868	II	4.1, 6.1.	A19, A20, IB6, IP2	None	212	None	Forbidden	50 kg	A	.....
	Decahydronaphthalene	3	UN1147	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	n-Decane	3	UN2247	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Deflagrating metal salts of aromatic nitroderivatives, n.o.s..	1.3C	UN0132	II	1.3C ..		None	62	None	Forbidden	Forbidden	10	5E
	Delay electric igniter, see Igniters.	.....			.....		.....	.....	.....	.....	.....	.....	.....
	Depth charges, see Charges, depth.	.....			.....		.....	.....	.....	.....	.....	.....	.....
	Detonating relays, see Detonators, etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
	Detonator assemblies, non-electric for blasting.	1.1B	UN0360	II	1.1B ...		None	62	None	Forbidden	Forbidden	11	.....
	Detonator assemblies, non-electric, for blasting.	1.4B	UN0361	II	1.4B ...	103	63(f), 63(g).	62	None	Forbidden	75 kg	06	.....
	Detonator, assemblies, non-electric for blasting.	1.4S	UN0500	II	1.4S ...		63(f), 63(g).	62	None	25 kg	100 kg	05	.....
	Detonators, electric, for blasting	1.1B	UN0030	II	1.1B ...		63(f), 63(g).	62	None	Forbidden	Forbidden	11	.....

Detonators, electric, for blasting	1.4B	UN0255	II	1.4B ...	103	63(f), 63(g).	62	None	Forbidden	75 kg	06	.....
Detonators, electric for blasting	1.4S	UN0456	II	1.4S ...		63(f), 63(g).	62	None	25 kg	100 kg	05	.....
Detonators for ammunition	1.1B	UN0073	II	1.1B ...		None	62	None	Forbidden	Forbidden	11	.....
Detonators for ammunition	1.2B	UN0364	II	1.2B ...	103	None	62	None	Forbidden	Forbidden	11	.....
Detonators for ammunition	1.4B	UN0365	II	1.4B ...		None	62	None	Forbidden	75 kg	06	.....
Detonators for ammunition	1.4S	UN0366	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
Detonators, non-electric, for blasting.	1.1B	UN0029	II	1.1B ...		None	62	None	Forbidden	Forbidden	11	.....
Detonators, non-electric, for blasting.	1.4B	UN0267	II	1.4B ...	103	63(f), 63(g).	62	None	Forbidden	75 kg	06	.....
Detonators, non-electric,for blasting.	1.4S	UN0455	II	1.4S ...		63(f), 63(g).	62	None	25 kg	100 kg	5	.....
Deuterium, compressed	2.1	UN1957	.....	2.1		306	302	None	Forbidden	150 kg	E	40
Devices, small, hydrocarbon gas powered or Hydrocarbon gas refills for small devices with release device.	2.1	UN3150	.....	2.1		306	304	None	Forbidden	150 kg	B	40
Di-n-amylamine	3	UN2841	III	3, 6.1	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	.....
Di-n-butyl peroxydicarbonate, with more than 52 percent in solution.	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
Di-n-butylamine	8	UN2248	II	8, 3 ...	IB2, T7, TP2	None	202	243	1 L	30 L	A	.....
2,2-Di-(tert-butylperoxy) butane, with more than 55 percent in solution.	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
Di-(tert-butylperoxy) phthalate, with more than 55 percent in solution.	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
2,2-Di-(4,4-di-tert-butylperoxycyclohexyl) propane, with more than 42 percent with inert solid.	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
Di-2,4-dichlorobenzoyl peroxide, with more than 75 percent with water.	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
1,2-Di-(dimethylamino)ethane	3	UN2372	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Di-2-ethylhexyl phosphoric acid, see Diisooctyl acid phosphate.	.....			.....		.....	.....	.....	.....	.....	.....	.....
Di-(1-hydroxytetrazole) (dry)	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
Di-(1-naphthoyl) peroxide	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
a,a'-Di-(nitroxy) methylether	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
Di-(beta-nitroxethyl) ammonium nitrate.	ForbIDDEN			.....		.....	.....	.....	.....	.....	.....	.....
Diacetone alcohol	3	UN1148	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B
.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age		
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)								
	Diacetone alcohol peroxides, with more than 57 percent in solution with more than 9 percent hydrogen peroxide, less than 26 percent diacetone alcohol and less than 9 percent water; total active oxygen content more than 9 percent by mass.	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Diacetyl, see Butanedione .....	.....			.....		.....	.....	.....	.....	.....		.....
	Diacetyl peroxide, solid, or with more than 25 percent in solution.	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Diallylamine	3	UN2359	II	3, 6.1, 8.	IB2, T7, TP1	None	202	243	1 L	5 L	B	21, 40, 100 40	
	Diallylether	3	UN2360	II	3, 6.1	IB2, N12, T7, TP1, TP13	None	202	243	1 L	60 L	E	.....
	4,4'-Diaminodiphenyl methane ...	6.1	UN2651	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	p-Diazidobenzene	Forbidden			.....		.....	.....	.....	.....	.....		.....
	1,2-Diazoethane	Forbidden			.....		.....	.....	.....	.....	.....		.....
	1,1'-Diazoaminonaphthalene	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Diazoaminotetrazole (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Diazodinitrophenol (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Diazodinitrophenol, wetted with not less than 40 percent water or mixture of alcohol and water, by mass.	1.1A	UN0074	II	1.1A ...	111, 117	None	62	None ...	Forbidden	Forbidden	12	.....
	Diazodiphenylmethane	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Diazonium nitrates (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Diazonium perchlorates (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
	1,3-Diazopropane	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Dibenzyl peroxydicarbonate, with more than 87 percent with water.	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Dibenzylchlorosilane	8	UN2434	II	8	B2, IB2, T7, TP2, TP13	154	202	242	1 L	30 L	C	40	
	Diborane, compressed	2.3	UN1911		2.3, 2.1.	1	None	302	None ...	Forbidden	Forbidden	D	40, 57
D	Diborane mixtures	2.1	NA1911		2.1	5	None	302	245	Forbidden	Forbidden	D	40, 57

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A	Dibromoacetylene	Forbidden	6.1	UN2648	II	6.1	IB2	None	202	243	5 L	60 L	B	40
	1,2-Dibromobutan-3-one	6.1	UN2648		III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A
	Dibromochloropropane	6.1	UN2872		III	6.1	T11, TP2	155	203	241	100 L	220 L	A	25
	Dibromodifluoromethane, R12B2	9	UN1941		III	None								.....
	1,2-Dibromoethane, see Ethylene dibromide.													.....
	Dibromomethane	6.1	UN2664		III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Dibutyl ethers	3	UN1149		III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Dibutylaminoethanol	6.1	UN2873		III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	N,N'-Dichlorazodicarbonamide (salts of) (dry).													.....
D	1,1-Dichloro-1-nitroethane	6.1	UN2650		II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	12, 40
	3,5-Dichloro-2,4,6-trifluoropyridine.	6.1	NA9264		I	6.1	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	A	40
	Dichloroacetic acid	8	UN1764		II	8	A3, A6, A7, B2, IB2, N34, T8, TP2, TP12	154	202	242	1 L	30 L	A	.....
	1,3-Dichloroacetone	6.1	UN2649		II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	B	12, 40
	Dichloroacetyl chloride	8	UN1765		II	8	A3, A6, A7, B2, B6, IB2, N34, T7, TP2	154	202	242	1 L	30 L	D	40
	Dichloroacetylene .....													.....
+ +	Dichloroanilines, liquid	6.1	UN1590		II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
+ +	Dichloroanilines, solid	6.1	UN1590		II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	40
+ +	o-Dichlorobenzene	6.1	UN1591		III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	2,2'-Dichlorodiethyl ether	6.1	UN1916		II	6.1, 3	IB2, N33, N34, T7, TP2	None	202	243	5 L	60 L	A	.....
	Dichlorodifluoromethane and difluoroethane azeotropic mixture or Refrigerant gas R 500 with approximately 74 percent dichlorodifluoromethane.													.....
	Dichlorodifluoromethane or Refrigerant gas R 12.													.....
	Dichlorodimethyl ether, symmetrical.													.....
	1,1-Dichloroethane	6.1	UN2249		I	6.1 ....								.....
	1,2-Dichloroethane, see Ethylene dichloride.	3	UN2362		II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Dichloroethyl sulfide .....													.....
	1,2-Dichloroethylene	3	UN1150		II	3	IB2, T7, TP2	150	202	242	5 L	60 L	B	.....
	Dichlorofluoromethane or Refrigerant gas R21.	2.2	UN1029		.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Dichloroisocyanuric acid, dry or Dichloroisocyanuric acid salts.	5.1	UN2465		II	5.1	28, IB8, IP4	152	212	240	5 kg	25 kg	A	13
	Dichloroisopropyl ether	6.1	UN2490		II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	B

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Dichloromethane	6.1	UN1593	III	6.1	IB3, IP8, N36, T7, TP2	153	203	241	60 L	220 L	A	.....
	Dichloropentanes	3	UN1152	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Dichlorophenyl isocyanates	6.1	UN2250	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	B	25, 40, 48
	Dichlorophenyltrichlorosilane	8	UN1766	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	ForbIDDEN	30 L	C	40
	1,2-Dichloropropane	3	UN1279	II	3	IB2, N36, T4, TP1	150	202	242	5 L	60 L	B	.....
	1,3-Dichloropropanol-2	6.1	UN2750	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	12, 40
	<i>Dichloropropene and propylene dichloride mixture, see 1,2-Dichloropropane.</i>												
	Dichloropropenes	3	UN2047	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	.....			III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Dichlorosilane	2.3	UN2189	.....	2.3, 2.1, 8.	2, B9, B14	None	304	314, 315.	ForbIDDEN	ForbIDDEN	D	17, 40
	1,2-Dichloro-1,1,2,2-tetrafluoroethane or Refrigerant gas R 114.	2.2	UN1958	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	<i>Dichlorovinylchloroarsine</i>	Forbidden											
	<i>Dicycloheptadiene, see Bicyclo [2,2,1] hepta-2,5-diene, stabilized.</i>												
	Dicyclohexylamine	8	UN2565	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Dicyclohexylammonium nitrite	4.1	UN2687	III	4.1	IB8, IP3	151	213	240	25 kg	100 kg	A	48
	Dicyclopentadiene	3	UN2048	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Didymium nitrate	5.1	UN1465	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
D	Diesel fuel	3	NA1993	III	None	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
I	Diesel fuel	3	UN1202	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Diethanol nitrosamine dinitrate (dry).</i>	Forbidden											
	Diethoxymethane	3	UN2373	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	3,3-Diethoxypropene	3	UN2374	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Diethyl carbonate	3	UN2366	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....

	<i>Diethyl cellosolve, see Ethylene glycol diethyl ether.</i>	.....												
	Diethyl ether or Ethyl ether	3	UN1155	I	3	T11, TP2	150	201	243	1 L	30 L	E	40		
	Diethyl ketone	3	UN1156	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....	
	<i>Diethyl peroxydicarbonate, with more than 27 percent in solution.</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diethyl sulfate	6.1	UN1594	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	C	.....	
	Diethyl sulfide	3	UN2375	II	3	IB2, T7, TP1, TP13	None	202	243	5 L	60 L	E	.....	
	Diethylamine	3	UN1154	II	3, 8	IB2, N34, T7, TP1	None	202	243	1 L	5 L	E	40		
+ 159	2-Diethylaminoethanol	8	UN2686	II	8, 3	B2, IB2, T7, TP2	None	202	243	1 L	30 L	A	.....	
	Diethylaminopropylamine	3	UN2684	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	.....	
	N, N-Diethylaniline	6.1	UN2432	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....	
	Diethylbenzene	3	UN2049	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....	
	Diethylchlorosilane	8	UN1767	II	8, 3	A7, B6, IB2, N34, T7, TP2, TP13	None	202	243	Forbidden	30 L	C	40		
	<i>Diethylene glycol dinitrate</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diethylene glycol dinitrate, de-sensitized with not less than 25 percent non-volatile water-insoluble phlegmatizer, by mass.	1.1D	UN0075	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	13	21E		
	Diethylenetriamine	8	UN2079	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	40		
	N,N-Diethylenediamine	8	UN2685	II	8, 3	IB2, T7, TP2	None	202	243	1 L	30 L	A	.....	
	<i>Diethylgold bromide</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diethylthiophosphoryl chloride	8	UN2751	II	8	B2, IB2, T7, TP2	154	202	242	1 L	39 L	A	40		
	Diethylzinc	4.2	UN1366	I	4.2, 4.3.	B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	18		
	<i>Difluorochloroethanes, see 1-Chloro-1,1-difluoroethanes.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1,1-Difluoroethane or Refrigerant gas R 152a.	2.1	UN1030	.....	2.1	T50	306	304	314, 315.	ForbIDDEN	150 kg	B	40		
	1,1-Difluoroethylene or Refrigerant gas R 1132a.	2.1	UN1959	.....	2.1 .....	.....	306	304	None	ForbIDDEN	150 kg	E	40		
	Difluromethane or Refrigerant gas R 32.	2.1	UN3252	.....	2.1 .....	.....	T50	306	302	314, 315.	ForbIDDEN	150 kg	D	40	
	Difluorophosphoric acid, anhydrous.	8	UN1768	II	8	A6, A7, B2, IB2, N5, N34, T8, TP2, TP12	None	202	242	1 L	30 L	A	40		
	2,3-Dihydropyran	3	UN2376	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....	
	<i>1,8-Dihydroxy-2,4,5,7-tetranitroanthraquinone (chrysannminic acid).</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diiodoacetylene	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diisobutyl ketone	3	UN1157	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A		
	Diisobutylamine	3	UN2361	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A		

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	Diisobutylene, isomeric com-pounds.	3	UN2050	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Diisooctyl acid phosphate	8	UN1902	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Diisopropyl ether	3	UN1159	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	40
	Diisopropylamine	3	UN1158	II	3, 8 ...	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
	Diisopropylbenzene hydroperoxide, with more than 72 percent in solution.	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diketene, stabilized	6.1	UN2521	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40, 49
	1,2-Dimethoxyethane	3	UN2252	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	1,1-Dimethoxyethane	3	UN2377	II	3	IB2, T7, TP1	150	202	242	5 L	60 L	B	.....
	Dimethyl carbonate	3	UN1161	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Dimethyl chlorothiophosphate, see Dimethyl thiophosphoryl chloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	2,5-Dimethyl-2,5-dihydroperoxy hexane, with more than 82 percent with water.	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Dimethyl disulfide	3	UN2381	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Dimethyl ether	2.1	UN1033	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Dimethyl-N-propylamine	3	UN2266	II	3, 8 ...	IB2, T7, TP2, TP13	None	202	243	1 L	5 L	B	40
	Dimethyl sulfate	6.1	UN1595	I	6.1, 8	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Dimethyl sulfide	3	UN1164	II	3	IB1, IP8, T7, TP2	None	202	242	5 L	60 L	E	40
	Dimethyl thiophosphoryl chloride	6.1	UN2267	II	6.1, 8	IB2, T7, TP2	None	202	243	1 L	30 L	B	25
	Dimethylamine, anhydrous	2.1	UN1032	.....	2.1	T50	None	304	314, 315.	Forbidden	150 kg	D	40
	Dimethylamine solution	3	UN1160	II	3, 8 ...	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
	2-Dimethylaminoacetonitrile	3	UN2378	II	3, 6.1	IB2, T7, TP1	None	202	243	1 L	60 L	A	26, 40
	2-Dimethylaminoethanol	8	UN2051	II	8, 3 ...	B2, IB2, T7, TP2	154	202	243	1 L	30 L	A	.....
	2-Dimethylaminoethyl acrylate ...	6.1	UN3302	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	D	25

2-Dimethylaminoethyl methacrylate.	6.1	UN2522	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	B	40
N,N-Dimethylaniline	6.1	UN2253	II	6.1	IB1, T7, TP2	None	202	243	5 L	60 L	A	.....
2,3-Dimethylbutane	3	UN2457	II	3	IB2, T7, TP1	150	202	242	5 L	60 L	E	.....
1,3-Dimethylbutylamine	3	UN2379	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
Dimethylcarbamoyl chloride	8	UN2262	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	40
Dimethylcyclohexanes	3	UN2263	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Dimethylcyclohexylamine	8	UN2264	II	8, 3	B2, IB2, T7, TP2	154	202	243	1 L	30 L	A	40
Dimethylchlorosilane	3	UN1162	II	3, 8	B77, IB2, T7, TP2, TP13	None	202	243	Forbidden	Forbidden	B	40
Dimethyl diethoxysilane	3	UN2380	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Dimethyl dioxanes	3	UN2707	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
N,N-Dimethylformamide	3	UN2265	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Dimethylhexane dihydroperoxide (dry).	Forbidden				B1, IB3, T2, TP2	150	203	242	60 L	220 L	A	.....
Dimethylhydrazine, symmetrical	6.1	UN2382	I	6.1, 3	2, A7, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
Dimethylhydrazine, unsymmet- rical.	6.1	UN1163	I	6.1, 3, 8.	2, B7, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	21, 38, 40, 100
2,2-Dimethylpropane	2.1	UN2044	.....	2.1		306	304	314, 315.	Forbidden	150 kg	E	40
Dimethylzinc	4.2	UN1370	I	4.2, 4.3.	B11, B16, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	18
Dinitro-o-cresol, solid	6.1	UN1598	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
Dinitro-o-cresol, solution	6.1	UN1598	II	6.1	IB2, IP2, IP4, T7, TP2	None	202	243	5 L	60 L	A	.....
1,3-Dinitro-5,5-dimethyl hydantoin.	Forbidden					.....	.....	.....	.....	.....	.....	.....
Dinitro-7,8-dimethylglycoluril (dry).	Forbidden					.....	.....	.....	.....	.....	.....	.....
1,3-Dinitro-4,5-dinitrosobenzene	Forbidden					.....	.....	.....	.....	.....	.....	.....
1,4-Dinitro-1,1,4,4-tetramethylolbutanetetrannitrate (dry).	Forbidden					.....	.....	.....	.....	.....	.....	.....
2,4-Dinitro-1,3,5-trimethylbenzene.	Forbidden					.....	.....	.....	.....	.....	.....	.....
Dinitroanilines	6.1	UN1596	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	91
Dinitrobenzenes, liquid	6.1	UN1597	II	6.1	11, IB2, T7, TP2	None	202	243	5 L	60 L	A	91
Dinitrobenzenes, solid	6.1	UN1597	II	6.1	11, IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	91
Dinitrochlorobenzene, see Chlorodinitrobenzene.
1,2-Dinitroethane	Forbidden				
1,1-Dinitroethane (dry)	Forbidden				

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Dinitrogen tetroxide	2.3	UN1067	.....	2.3, 5.1, 8.	1, B7, B14, B45, B46, B61, B66, B67, B77, T50, TP21	None	336	314	Forbidden	Forbidden	D	40, 89, 90
	Dinitroglycoluril or Dingu	1.1D	UN0489	II	1.1D ..		None	62	None ...	Forbidden	Forbidden	10	.....
	Dinitromethane	Forbiden 1.1D	UN0076	II	1.1D, 6.1.		None	62	None ...	.....	.....	10	.....
	Dinitrophenol, dry or wetted with less than 15 percent water, by mass.									Forbiden	Forbiden	10	5E
	Dinitrophenol solutions	6.1	UN1599	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	36
	.....	.....	.....	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	36
	Dinitrophenol, wetted with not less than 15 percent water, by mass.	4.1	UN1320	I	4.1, 6.1.	23, A8, A19, A20, N41	None	211	None ...	1 kg	15 kg	E	28, 36
	Dinitrophenolates alkali metals, dry or wetted with less than 15 percent water, by mass.	1.3C	UN0077	II	1.3C, 6.1.		None	62	None ...	Forbiden	Forbiden	10	5E
	Dinitrophenolates, wetted with not less than 15 percent water, by mass.	4.1	UN1321	I	4.1, 6.1.	23, A8, A19, A20, N41	None	211	None ...	1 kg	15 kg	E	28, 36
	Dinitropropylene glycol	Forbiden 1.1D	UN0078	II	1.1D ..		None	62	None ...	.....	.....	10	5E
	Dinitroresorcinol, dry or wetted with less than 15 percent water, by mass.									Forbiden	Forbiden	.....	.....
	2,4-Dinitroresorcinol (heavy metal salts of) (dry).	Forbiden								.....	.....	.....	.....
	4,6-Dinitroresorcinol (heavy metal salts of) (dry).	Forbiden								.....	.....	.....	.....
	Dinitroresorcinol, wetted with not less than 15 percent water, by mass.	4.1	UN1322	I	4.1	23, A8, A19, A20, N41	None	211	None ...	1 kg	15 kg	E	28, 36
	3,5-Dinitrosalicylic acid (lead salt) (dry).	Forbiden								.....	.....	.....	.....
	Dinitrosobenzene	1.3C	UN0406	II	1.3C ..		None	62	None ...	Forbiden	Forbiden	10	.....
	Dinitrosobenzylamidine and salts of (dry).	Forbiden								.....	.....	.....	.....
	2,2-Dinitrostilbene	Forbiden								.....	.....	.....	.....
	Dinitrotoluenes, liquid	6.1	UN2038	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Dinitrotoluenes, molten	6.1	UN1600	II	6.1	T7, TP3	None	202	243	Forbiden	Forbiden	C	.....

	Dinitrotoluenes, solid	6.1	UN2038	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	1,9-Dinitroxy pentamethylene- 2,4,6,8-tetramine (dry).	Forbidden											.....
	Dioxane	3	UN1165	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Dioxolane	3	UN1166	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Dipentene	3	UN2052	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Diphenylamine chloroarsine	6.1	UN1698	I	6.1		None	201	None	ForbIDDEN	ForbIDDEN	D	40
	Diphenylchloroarsine, liquid	6.1	UN1699	I	6.1	A8, B14, B32, N33, N34, T14, TP2, TP13, TP27	None	201	243	ForbIDDEN	30 L	D	40
	Diphenylchloroarsine, solid	6.1	UN1699	I	6.1	A8, B14, B32, IB7, IP1, N33, N34	None	211	242	ForbIDDEN	15 kg	D	40
	Diphenyldichlorosilane	8	UN1769	II	8	A7, B2, IB2, N34, T7, TP2, TP13	None	202	242	ForbIDDEN	30 L	C	40
	Diphenylmethyl bromide	8	UN1770	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	D	40
	Dipicryl sulfide, dry or wetted with less than 10 percent water, by mass.	1.1D	UN0401	II	1.1D ..		None	62	None	ForbIDDEN	ForbIDDEN	10	.....
	Dipicryl sulfide, wetted with not less than 10 percent water, by mass.	4.1	UN2852	I	4.1	A2, N41	None	211	None	ForbIDDEN	0.5 kg	D	28
	Dipicrylamine, see Hexanitrodiphenylamine.												.....
	Dipropionyl peroxide, with more than 28 percent in solution.	ForbIDDEN											.....
G	Di-n-propyl ether	3	UN2384	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
G	Dipropyl ketone	3	UN2710	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
G	Dipropylamine	3	UN2383	II	3, 8 ...	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
G	Disinfectant, liquid, corrosive, n.o.s.	8	UN1903	I	8	A7, B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	.....
G	Disinfectants, liquid, corrosive n.o.s..	8	UN1903	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	B	.....
G	Disinfectants, liquid, toxic, n.o.s..	6.1	UN3142	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
G				I	6.1	A4, T14, TP2, TP27	None	201	243	1 L	30 L	A	40
G				II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	A	40
G				III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	40
G	Disinfectants, solid, toxic, n.o.s..	6.1	UN1601	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
G				III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
G	Disodium trioxsilicate	8	UN3253	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	Dispersant gases, n.o.s. see Re- frigerant gases, n.o.s..											
	Divinyl ether, stabilized	3	UN1167	I	3	T11, TP2	None	201	243	1 L	30 L	E	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air-craft only	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Dodecyltrichlorosilane	8	UN1771	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
G	Dry ice, see Carbon dioxide, solid.						.....	.....	.....	.....	.....	.....	.....
G	Dyes, liquid, corrosive, n.o.s. or Dye intermediates, liquid, corrosive, n.o.s..	8	UN2801	I	8	11, B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	A	.....
	.....			II	8	11, B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	A	.....
	.....			III	8	11, IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	.....
G	Dyes, liquid, toxic, n.o.s. or Dye intermediates, liquid, toxic, n.o.s..	6.1	UN1602	II	6.1	IB2	None	202	243	5 L	60 L	A	.....
G	Dyes, solid, corrosive, n.o.s. or Dye intermediates, solid, corrosive, n.o.s..	8	UN3147	III	6.1	IB3	153	203	241	60 L	220 L	A	.....
	.....			I	8	IB7, IP1	None	211	242	1 kg	25 kg	A	.....
G	Dyes, solid, toxic, n.o.s. or Dye intermediates, solid, toxic, n.o.s..	6.1	UN3143	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	.....			III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	.....			I	6.1	A5, IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	A	.....
	Dynamite, see Explosive, blasting, type A.			II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Electrolyte (acid or alkali) for batteries, see Battery fluid, acid or Battery fluid, alkali.			III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Elevated temperature liquid, flammable, n.o.s., with flash point above 37.8 C, at or above its flash point.	3	UN3256	III	3	IB1, T3, TP3, TP29	None	None	247	Forbidden	Forbidden	A	.....

	Elevated temperature liquid, n.o.s., at or above 100 C and below its flash point (including molten metals, molten salts, etc.).	9	UN3257	III	9	IB1, T3, TP3, TP29	None	None	247	Forbidden	Forbidden	A	85
	Elevated temperature solid, n.o.s., at or above 240 C, see § 173.247(h)(4).	9	UN3258	III	9		247(h) (4).	None	247	Forbidden	Forbidden	A	85
	Engines, internal combustion, flammable gas powered.	9	UN3166	.....	9	135	220	220	220	Forbidden	No limit	A	.....
	Engines, internal combustion, flammable liquid powered.	9	UN3166	.....	9	135	220	220	220	No limit	No limit	A	.....
G	Environmentally hazardous substances, liquid, n.o.s..	9	UN3082	III	9	8, IB3, T4, TP1, TP29	155	203	241	No limit	No limit	A	.....
G	Environmentally hazardous substances, solid, n.o.s..	9	UN3077	III	9	8, B54, IB8, N20	155	213	240	No limit	No limit	A	.....
+ +	Epibromohydrin	6.1	UN2558	I	6.1, 3	T14, TP2, TP13 IB2, T7, TP2, TP13	None	201	243	Forbidden	Forbidden	D	40
	Epichlorohydrin	6.1	UN2023	II	6.1, 3		None	202	243	5 L	60 L	A	40
	1,2-Epoxy-3-ethoxypropane	3	UN2752	III	3	B1, IB3, T2, TP1 IB2, T7, TP1, TP8, TP28	150	203	242	60 L	220 L	A	.....
	Esters, n.o.s.	3	UN3272	II	3		150	202	242	5 L	60 L	B	.....
				III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
	Etching acid, liquid, n.o.s., see Hydrofluoric acid, solution etc.									.....	.....		.....
D	Ethane	2.1	UN1035	.....	2.1								
	Ethane-Propane mixture, refrigerated liquid.	2.1	NA1961	.....	2.1	T75, TP5	306	304	302	Forbidden	150 kg Forbidden	E	40
	Ethane, refrigerated liquid	2.1	UN1961	.....	2.1	T75, TP5	None	316	314, 315.	Forbiddenn	Forbiddenn	D	40
	Ethanol amine dinitrate	Forbidden								.....	.....		.....
	Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions.	3	UN1170	II	3	24, IB2, T4, TP1	150	202	242	5 L	60 L	A	.....
				III	3	24, B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Ethanolamine or Ethanolamine solutions.	8	UN2491	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Ether, see Diethyl ether .....									.....	.....		.....
	Ethers, n.o.s.	3	UN3271	II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	.....
				III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
	Ethyl acetate	3	UN1173	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Ethyl acrylate, stabilized	3	UN1917	II	3	IB2, T4, TP1, TP13	150	202	242	5 L	60 L	B	40
	Ethyl alcohol, see Ethanol .....									.....	.....		.....
	Ethyl aldehyde, see Acetaldehyde.								
	Ethyl amyl ketone	3	UN2271	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
	N-Ethyl-N-benzylaniline	6.1	UN2274	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	Ethyl borate	3	UN1176	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Ethyl bromide	6.1	UN1891	II	6.1	IB2, IP8, T7, TP2, TP13	None	202	243	5 L	60 L	B	40, 85
	Ethyl bromoacetate	6.1	UN1603	II	6.1, 3	IB2, T7, TP2	None	202	243	Forbidden	Forbidden	D	40
	Ethyl butyl ether	3	UN1179	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Ethyl butyrate	3	UN1180	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Ethyl chloride	2.1	UN1037	.....	2.1	B77, T50	None	322	314, 315.	Forbidden	150 kg	B	40
	Ethyl chloroacetate	6.1	UN1181	II	6.1, 3	IB2, T7, TP2	None	202	243	5 L	60 L	A	
	Ethyl chloroformate	6.1	UN1182	I	6.1, 3, 8.	2, A3, A6, A7, B9, B14, B32, B74, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	21, 40, 100
+	Ethyl 2-chloropropionate	3	UN2935	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Ethyl chlorothioformate	8	UN2826	II	8, 6.1, 3.	2, B9, B14, B32, B74, T20, TP2, TP38, TP45	None	227	244	Forbidden	Forbidden	A	40
	Ethyl crotonate	3	UN1862	II	3	IB2, T4, TP2	150	202	242	5 L	60 L	B	
	Ethyl ether, see Diethyl ether .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Ethyl fluoride or Refrigerant gas R161.	2.1	UN2453	.....	2.1 .....	.....	306	304	314, 315.	Forbidden	150 kg	E	40
	Ethyl formate	3	UN1190	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	
	Ethyl hydroperoxide .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Ethyl isobutyrate	3	UN2385	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Ethyl isocyanate	3	UN2481	I	3, 6.1	1, A7, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
	Ethyl lactate	3	UN1192	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Ethyl mercaptan	3	UN2363	I	3	T11, TP2, TP13	None	201	243	Forbidden	30 L	E	95, 102
	Ethyl methacrylate	3	UN2277	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Ethyl methyl ether	2.1	UN1039	.....	2.1 .....	.....	None	201	314, 315.	Forbidden	150 kg	B	40
	Ethyl methyl ketone or Methyl ethyl ketone.	3	UN1193	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Ethyl nitrite solutions	3	UN1194	I	3, 6.1	.....	None	201	None	Forbidden	Forbidden	E	40, 105
	Ethyl orthoformate	3	UN2524	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	

D	Ethyl oxalate	6.1 Forbidden	UN2525	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	<i>Ethyl perchlorate</i>	6.1	NA2927	I	6.1, 8	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
D	Ethyl phosphonothioic dichloride, anhydrous.	6.1	NA2845	I	6.1, 4.2.	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	18
D	Ethyl phosphorous dichloride, anhydrous <i>pyrophoric liquid</i> .	6.1	NA2927	I	6.1, 8	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Ethyl propionate	3	UN1195	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Ethyl propyl ether	3	UN2615	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	<i>Ethyl silicate</i> , see Tetraethyl silicate.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Ethylacetylene, stabilized	2.1	UN2452	.....	2.1 .....	.....	None	304	314, 315.	Forbidden	150 kg	B	40
	Ethylamine	2.1	UN1036	.....	2.1	B77, T50	None	321	314, 315.	Forbidden	150 kg	D	40
	Ethylamine, aqueous solution with not less than 50 percent but not more than 70 percent ethylamine.	3	UN2270	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	40
	N-Ethylaniline	6.1	UN2272	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	2-Ethylaniline	6.1	UN2273	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Ethylbenzene	3	UN1175	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	N-Ethylbenzyltoluidines liquid	6.1	UN2753	III	6.1	IB3, T7, TP1	153	203	241	60 L	220 L	A	.....
	N-Ethylbenzyltoluidines solid	6.1	UN2753	III	6.1	IB8, IP3, T7, TP1	153	213	240	100 kg	200 kg	A	.....
	2-Ethylbutanol	3	UN2275	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Ethylbutyl acetate	3	UN1177	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	2-Ethylbutyraldehyde	3	UN1178	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Ethyldichloroarsine	6.1	UN1892	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Ethyldichlorosilane	4.3	UN1183	I	4.3, 8, 3.	A2, A3, A7, N34, T10, TP2, TP7, TP13	None	201	244	Forbidden	1 L	D	21, 28, 40, 49, 100 40
	Ethylene, acetylene and propylene in mixture, refrigerated liquid with at least 71.5 percent ethylene with not more than 22.5 percent acetylene and not more than 6 percent propylene.	2.1	UN3138	2.1	T75, TP5	None	304	314, 315.	Forbidden	Forbidden	D

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	Ethylene chlorhydrin	6.1	UN1135	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Ethylene, compressed	2.1	UN1962	.....	2.1 .....	.....	306	304	302	Forbidden	150 kg	E	40
	<i>Ethylene diamine diperchlorate ..</i>	Forbiden					.....	.....	.....	.....	.....	.....	.....
	Ethylene dibromide	6.1	UN1605	I	6.1	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	<i>Ethylene dibromide and methyl bromide liquid mixtures, see Methyl bromide and ethylene dibromide, liquid mixtures.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Ethylene dichloride	3	UN1184	II	3, 6.1	IB2, T7, TP1	None	202	243	1 L	60 L	B	40
	Ethyleneglycol diethyl ether	3	UN1153	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Ethyleneglycol dinitrate</i>	Forbiden					.....	.....	.....	.....	.....	.....	.....
	Ethyleneglycol monoethyl ether	3	UN1171	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Ethyleneglycol monoethyl ether acetate	3	UN1172	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Ethyleneglycol monomethyl ether	3	UN1188	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Ethyleneglycol monomethyl ether acetate	3	UN1189	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Ethylenoxide and carbon diox- ide mixture with more than 87 percent ethylene oxide	2.3	UN3300	.....	2.3, 2.1.	4	None	304	314, 315.	Forbidden	Forbidden	D	40
	Ethylenoxide and carbon diox- ide mixtures with more than 9 percent but not more than 87 percent ethylene oxide	2.1	UN1041	.....	2.1	T50	306	304	314, 315.	Forbidden	25 kg	B	40
	Ethylenoxide and carbon diox- ide mixtures with not more than 9 percent ethylene oxide	2.2	UN1952	.....	2.2 .....	.....	306	304	314, 315.	75 kg	150 kg	A	.....
	Ethylenoxide and chlorotetrafluoroethane mixture with not more than 8.8 percent ethylene oxide	2.2	UN3297	2.2	T50	306	304	314, 315.	75 kg	150 kg	A

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Ethylene oxide and dichlorodifluoromethane mixture, with not more than 12.5 percent ethylene oxide.	2.2	UN3070	2.2	T50	306	304	314, 315.	75 kg	150 kg	A
Ethylene oxide and pentafluoroethane mixture with not more than 7.9 percent ethylene oxide.	2.2	UN3298	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
Ethylene oxide and propylene oxide mixtures, with not more than 30 percent ethylene oxide.	3	UN2983	I	3, 6.1	5, A11, N4, N34, T14, TP2, TP7, TP13	None	201	243	Forbidden	30 L	E	40
Ethylene oxide and tetrafluoroethane mixture with not more than 5.6 percent ethylene oxide.	2.2	UN3299	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
Ethylene oxide or Ethylene oxide with nitrogen up to a total pressure of 1MPa (10 bar) at 50 degrees C.	2.3	UN1040	.....	2.3, 2.1.	4, T50, TP20	None	323	323	Forbidden	25 kg	D	40
Ethylene, refrigerated liquid (cryogenic liquid).	2.1	UN1038	.....	2.1	T75, TP5	None	316	318, 319.	Forbidden	Forbidden	D	40
Ethylenediamine	8	UN1604	II	8, 3	IB2, T7, TP2	154	202	243	1 L	30 L	A	40
Ethylenimine, stabilized	6.1	UN1185	I	6.1, 3	1, B9, B14, B30, B72, B77, N25, N32, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
<i>Ethylhexaldehyde, see Octyl aldehydes etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-Ethylhexyl chloroformate	6.1	UN2748	II	6.1, 8	IB2, T7, TP2, TP13	None	202	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
2-Ethylhexylamine	3	UN2276	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	40
Ethylphenyldichlorosilane	8	UN2435	II	8	A7, B2, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	.....
1-Ethylpiperidine	3	UN2386	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
N-Ethyltoluidines	6.1	UN2754	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
Ethyltrichlorosilane	3	UN1196	II	3, 8	A7, IB1, N34, T7, TP2, TP13	None	202	243	1 L	5 L	B	40
<i>Etiologic agent, see Infectious substances, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Explosive articles, see Articles, explosive, n.o.s. etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Explosive, blasting, type A	1.1D	UN0081	II	1.1D ..	.....	None	62	None ...	Forbidden	Forbidden	10	21E
Explosive, blasting, type B	1.1D	UN0082	II	1.1D ..	.....	None	62	None ...	Forbidden	Forbidden	10	.....
Explosive, blasting, type B or Agent blasting, Type B.	1.5D	UN0331	II	1.5D ..	105, 106	None	62	None ...	Forbidden	Forbidden	10	.....
Explosive, blasting, type C	1.1D	UN0083	II	1.1D ..	123	None	62	None ...	Forbidden	Forbidden	10	22E

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age		
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)	
	Explosive, blasting, type D	1.1D	UN0084	II	1.1D ..									
	Explosive, blasting, type E	1.1D	UN0241	II	1.1D ..									
	Explosive, blasting, type E or Agent blasting, Type E.	1.5D	UN0332	II	1.5D ..	105, 106	None	62	None	Forbidden	Forbidden	10	.....
	Explosive, <i>forbidden</i> . See § 173.54.	Forbidden			.....		None	62	None	Forbidden	Forbidden	10	19E
	.....						None	62	None	Forbidden	Forbidden	10	.....
	Explosive substances, see Sub- stances, explosive, n.o.s. etc.				.....								
	Explosives, slurry, see Explosive, blasting, type E.				.....								
	Explosives, water gels, see Ex- plosive, blasting, type E.				.....								
	Extracts, aromatic, liquid	3	UN1169	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
				III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A
	Extracts, flavoring, liquid	3	UN1197	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
				III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A
	Fabric with animal or vegetable oil, see Fibers or fabrics, etc.				.....								
	Ferric arsenate	6.1	UN1606	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Ferric arsenite	6.1	UN1607	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Ferric chloride, anhydrous	8	UN1773	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	Ferric chloride, solution	8	UN2582	III	8	B15, IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Ferric nitrate	5.1	UN1466	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Ferrocerium	4.1	UN1323	II	4.1	59, A19, IB8, IP2, IP4	151	212	240	15 kg	50 kg	A	.....
	Ferrosilicon, with 30 percent or more but less than 90 percent silicon.	4.3	UN1408	III	4.3, 6.1.	A1, A19, IB8, IP4	151	213	240	25 kg	100 kg	A	13, 40, 85, 103	
D	Ferrous arsenate	6.1	UN1608	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
D	Ferrous chloride, solid	8	NA1759	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
D	Ferrous chloride, solution	8	NA1760	II	8	B3, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40	

A W	Ferrous metal borings or Ferrous metal shavings or Ferrous metal turnings or Ferrous metal cuttings in a form liable to self-heating.	4.2	UN2793	III	4.2	A1, A19, IB8, IP3, IP6	None	213	241	25 kg	100 kg	A	.....
	Fertilizer ammoniating solution with free ammonia.	2.2	UN1043	.....	2.2		306	304	314, 315.	Forbidden	150 kg	E	40
	Fibers or Fabrics, animal or vegetable or Synthetic, n.o.s. with animal or vegetable oil.	4.2	UN1373	III	4.2	137, IB8, IP3	None	213	241	Forbidden	Forbidden	A	.....
	Fibers or Fabrics impregnated with weakly nitrated nitrocellulose, n.o.s.	4.1	UN1353	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	D	.....
	Films, nitrocellulose base, from which gelatine has been removed; film scrap, see Celluloid scrap.	.....		.....	.....		.....	.....	.....	.....	.....	.....	.....
	Films, nitrocellulose base, gelatine coated (except scrap).	4.1	UN1324	III	4.1		None	183	None	25 kg	100 kg	D	91
	Fire extinguisher charges, corrosive liquid.	8	UN1774	II	8	N41	154	202	None	1 L	30 L	A	.....
	Fire extinguisher charges, expelling, explosive, see Cartridges, power device.	.....		.....	.....		.....	.....	.....	.....	.....	.....	.....
	Fire extinguishers containing compressed or liquefied gas.	2.2	UN1044	.....	2.2	18, 110	309	309	None	75 kg	150 kg	A	.....
	Firelighters, solid with flammable liquid.	4.1	UN2623	III	4.1	A1, A19	None	213	None	25 kg	100 kg	A	.....
W	Fireworks	1.1G	UN0333	II	1.1G ..	108	None	62	None	Forbidden	Forbidden	07	.....
	Fireworks	1.2G	UN0334	II	1.2G ..	108	None	62	None	Forbidden	Forbidden	07	.....
	Fireworks	1.3G	UN0335	II	1.3G ..	108	None	62	None	Forbidden	Forbidden	07	.....
	Fireworks	1.4G	UN0336	II	1.4G ..	108	None	62	None	Forbidden	75 kg	06	.....
	Fireworks	1.4S	UN0337	II	1.4S ..	108	None	62	None	25 kg	100 kg	05	.....
	First aid kits	9	UN3316	.....	9	15	None	None	None	10 kg	10 kg	A	.....
	Fish meal stabilized or Fish scrap, stabilized.	9	UN2216	III	None	IB8	155	218	218	No limit	No limit	A	88
	Fish meal, unstabilized or Fish scrap, unstabilized.	4.2	UN1374	II	4.2	A1, A19, IB8, IP2	None	212	241	15 kg	50 kg	A	119, 120
	Fissile radioactive materials, see Radioactive material, fissile, n.o.s.	.....		.....	.....		.....	.....	.....	.....	.....	.....	.....
	Flammable compressed gas, see Compressed or Liquefied gas, flammable, etc.	.....		.....	.....		.....	.....	.....	.....	.....	.....	.....
	Flammable compressed gas (small receptacles not fitted with a dispersion device, not refillable), see Receptacles, etc.

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
	<i>Flammable gas in lighters, see Lighters or lighter refills, cigarettes, containing flammable gas.</i>												
G	Flammable liquid, toxic, corro-sive, n.o.s..	3	UN3286	I 3, 6.1, 8.	T14, TP2, TP13, TP27	None	201	243	Forbidden	2.5 L	E	21, 40, 100	
G	Flammable liquids, corrosive, n.o.s..	3	UN2924	I 3, 8	IB2, T11, TP2, TP13, TP27 T14, TP2	None	202	243	1 L	5 L	B	21, 40, 100	
G	Flammable liquids, n.o.s.	3	UN1993	II 3, 8	IB2, T11, TP2, TP27	None	201	243	0.5 L	2.5 L	E	40	
G	Flammable liquids, n.o.s.	3	UN1992	III 3, 8	B1, IB3, T7, TP1, TP28	150	203	242	1 L	5 L	B	40	
G	Flammable liquids, toxic, n.o.s. ..	3	UN1992	I 3, 6.1	T14, TP2, TP13, TP27	150	201	243	5 L	60 L	A	40	
G	Flammable solid, corrosive, inor-ganic, n.o.s..	4.1	UN3180	II 4.1, 8	A1, IB6, IP2	None	202	243	1 L	60 L	B	40	
G	Flammable solid, inorganic, n.o.s..	4.1	UN3178	III 4.1, 8	A1, IB6	151	212	242	60 L	220 L	A	.....
G	Flammable solid, organic, mol-ten, n.o.s..	4.1	UN3176	II 4.1	A1, IB8, IP2, IP4	151	213	242	15 kg	50 kg	D	40	
G	Flammable solid, oxidizing, n.o.s..	4.1	UN3097	III 4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	D	40	
				II 4.1, 5.1.	IB1, T3, TP3, TP26	151	212	240	15 kg	50 kg	B	.....
				III 4.1, 5.1.	IB1, T1, TP3, TP26	151	213	240	Forbidden	Forbidden	C	.....
					131	None	214	214	Forbidden	Forbidden	E	40	
						131	None	214	Forbidden	Forbidden	D	40	

G	Flammable solid, toxic, inorganic, n.o.s..	4.1	UN3179	II	4.1, 6.1.	A1, IB6, IP2	151	212	242	15 kg	50 kg	B	40
				III	4.1, 6.1.	A1, IB6	151	213	242	25 kg	100 kg	B	40
G	Flammable solids, corrosive, organic, n.o.s..	4.1	UN2925	II	4.1, 8	A1, IB6, IP2	None	212	242	15 kg	50 kg	D	40
G	Flammable solids, organic, n.o.s..	4.1	UN1325	III	4.1, 8	A1, IB6	151	213	242	25 kg	100 kg	D	40
				II	4.1	A1, IB8, IP2, IP4, T3, TP1	151	212	240	15 kg	50 kg	B	.....
G	Flammable solids, toxic, organic, n.o.s..	4.1	UN2926	III	4.1	A1, IB8, IP3, T1, TP1	151	213	240	25 kg	100 kg	B	.....
				II	4.1, 6.1.	A1, IB6, IP2	None	212	242	15 kg	50 kg	B	40
				III	4.1, 6.1.	A1, IB6	151	213	242	25 kg	100 kg	B	40
	Flares, aerial	1.3G	UN0093	II	1.3G ..		None	62	None	Forbidden	75 kg	07	.....
	Flares, aerial	1.4G	UN0403	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	Flares, aerial	1.4S	UN0404	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
	Flares, aerial	1.1G	UN0420	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Flares, aerial	1.2G	UN0421	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	.....
	Flares, airplane, see Flares, aerial.						.....	.....	.....	.....	.....	.....	.....
	Flares, signal, see Cartridges, signal.						.....	.....	.....	.....	.....	.....	.....
	Flares, surface	1.3G	UN0092	II	1.3G ..		None	62	None	Forbidden	75 kg	07	.....
	Flares, surface	1.1G	UN0418	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Flares, surface	1.2G	UN0419	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	.....
	Flares, water-activated, see Contrivances, water-activated, etc.						.....	.....	.....	.....	.....	.....	.....
	Flash powder	1.1G	UN0094	II	1.1G ..		None	62	None	Forbidden	Forbidden	15	.....
	Flash powder	1.3G	UN0305	II	1.3G ..		None	62	None	Forbidden	Forbidden	15	.....
	Flue dusts, poisonous, see Arsenical dust.						.....	.....	.....	.....	.....	.....	.....
	Fluoric acid, see Hydrofluoric acid, etc.						.....	.....	.....	.....	.....	.....	.....
	Fluorine, compressed	2.3	UN1045	.....	2.3, 5.1, 8.	1	None	302	None	Forbidden	Forbidden	D	40, 89, 90
	Fluoroacetic acid	6.1	UN2642	I	6.1	IB7, IP1	None	211	242	1 kg	15 kg	E	.....
	Fluoroanilines	6.1	UN2941	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Fluorobenzene	3	UN2387	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Fluoroboric acid	8	UN1775	II	8	A6, A7, B2, B15, IB2, N3, N34, T7, TP2	154	202	242	1 L	30 L	A	.....
	Fluorophosphoric acid anhydrous.	8	UN1776	II	8	A6, A7, B2, IB2, N3, N34, T8, TP2, TP12	None	202	242	1 L	30 L	A
	Fluorosilicates, n.o.s.	6.1	UN2856	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26

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Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(9A)	(9B)	(10A)	(10B)			
	Fluorosilicic acid	8	UN1778	II	8	A6, A7, B2, B15, IB2, N3, N34, T8, TP2, TP12	None	202	242	1 L	30 L	A	.....
	Fluorosulfonic acid	8	UN1777	I	8	A3, A6, A7, A10, B6, B10, N3, T10, TP2, TP12	None	201	243	0.5 L	2.5 L	D	40
	Fluorotoluenes	3	UN2388	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	<i>Forbidden materials. See § 173.21.</i>	Forbidden					.....	.....	.....	.....	.....
	Formaldehyde, solutions, flam- mable.	3	UN1198	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	40
	Formaldehyde, solutions, <i>with not less than 25 percent form- aldehyde.</i>	8	UN2209	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	<i>Formalin, see Formaldehyde, solutions.</i>						.....	.....	.....	.....	.....
	Formic acid	8	UN1779	II	8	B2, B28, IB2, T7, TP2	154	202	242	1 L	30 L	A	40
	Fracturing devices, explosive, <i>without detonators for oil wells.</i>	1.1D	UN0099	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Fuel, aviation, turbine engine	3	UN1863	I	3	T11, TP1, TP8	150	201	243	1 L	30 L	E	.....
				II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
D	Fuel oil (No. 1, 2, 4, 5, or 6)	3	NA1993	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
				III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
	<i>Fuel system components (in- cluding fuel control units (FCU), carburetors, fuel lines, fuel pumps) see Dangerous Goods in Apparatus or Dan- gerous Goods in Machinery.</i>						.....	.....	.....	.....	.....
	<i>Fulminate of mercury (dry)</i>	Forbidden					.....	.....	.....	.....	.....
	<i>Fulminate of mercury, wet, see Mercury fulminate, etc.</i>						.....	.....	.....	.....	.....
	<i>Fulminating gold</i>	Forbidden					.....	.....	.....	.....	.....
	<i>Fulminating mercury</i>	Forbidden						
	<i>Fulminating platinum</i>	Forbidden						
	<i>Fulminating silver</i>	Forbidden						

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	Fulminic acid	Forbidden	8	UN1780	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C	8, 40
	Fumaryl chloride
	Fumigated lading, see §§ 172.302(g), 173.9 and 176.76(h). Fumigated transport vehicle or freight container see 173.9.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Furaldehydes	6.1	UN1199	II	6.1, 3	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....	.....
	Furan	3	UN2389	I	3	T12, TP2, TP13	None	201	243	1 L	30 L	E	40	.....
	Furfuryl alcohol	6.1	UN2874	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	26, 74	.....
	Furfurylamine	3	UN2526	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	40	.....
	Fuse, detonating, metal clad, see Cord, detonating, metal clad.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Fuse, detonating, mild effect, metal clad, see Cord, detonating, mild effect, metal clad.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
D	Fuse, igniter tubular metal clad	1.4G	UN0103	II	1.4G ..	.....	None	62	None	Forbidden	75 kg	06	.....	.....
	Fuse, igniter tubular metal clad	1.3G	UN0101	II	1.3G ..	.....	None	62	None	Forbidden	Forbidden	07	.....	.....
	Fuse, safety	1.4S	UN0105	II	1.4S ..	.....	None	62	None	25 kg	100 kg	05	.....	.....
	Fusee (railway or highway)	4.1	NA1325	II	4.1 .....	.....	None	184	None	15 kg	50 kg	B	.....	.....
	Fusel oil	3	UN1201	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....	.....
	.....	.....	.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....	.....
	Fuses, tracer, see Tracers for ammunition.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Fuzes, combination, percussion and time, see Fuzes, detonating (UN0257, UN0367); Fuzes, igniting (UN0317, UN0368).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Fuzes, detonating	1.1B	UN0106	II	1.1B ..	.....	None	62	None	Forbidden	Forbidden	11	.....	.....
	Fuzes, detonating	1.2B	UN0107	II	1.2B ..	.....	None	62	None	Forbidden	Forbidden	11	.....	.....
	Fuzes, detonating	1.4B	UN0257	II	1.4B ..	.....	116	None	62	None	Forbidden	75 kg	06	.....
	Fuzes, detonating	1.4S	UN0367	II	1.4S ..	.....	116	None	62	None	Forbidden	25 kg	100 kg	05
	Fuzes, detonating, with protective features.	1.1D	UN0408	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	07	.....	.....
	Fuzes, detonating, with protective features.	1.2D	UN0409	II	1.2D ..	.....	None	62	None	Forbidden	Forbidden	07	.....	.....
	Fuzes, detonating, with protective features.	1.4D	UN0410	II	1.4D ..	.....	116	None	62	None	Forbidden	75 kg	06	.....
	Fuzes, igniting	1.3G	UN0316	II	1.3G ..	.....	None	62	None	Forbidden	Forbidden	07	.....	.....
	Fuzes, igniting	1.4G	UN0317	II	1.4G ..	.....	None	62	None	Forbidden	75 kg	06	.....	.....
	Fuzes, igniting	1.4S	UN0368	II	1.4S ..	.....	None	62	None	25 kg	100 kg	05	.....	.....
	Galactan trinitrate .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Gallium	8	UN2803	III	8 .....	.....	None	162	240	20 kg	20 kg	B	48	.....
	Gas cartridges, (flammable) without a release device, non-refillable.	2.1	UN2037	2.1	306	304	None	1 kg	15 kg	B	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age		
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)	
	Gas generator assemblies (air-craft), containing a non-flammable non-toxic gas and a propellant cartridge.	2.2		.....	2.2		None	335	None	75 kg	150 kg	A	.....
D	Gas identification set	2.3	NA9035	2.3		6	None	194	None	Forbidden	Forbidden	D
	Gas oil	3	UN1202	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
G	Gas, refrigerated liquid, flam-mable, n.o.s. (<i>cryogenic liquid</i>).	2.1	UN3312	.....	2.1	T75, TP5	None	316	318	Forbidden	Forbidden	D	40
G	Gas, refrigerated liquid, n.o.s. (<i>cryogenic liquid</i>).	2.2	UN3158	.....	2.2	T75, TP5	320	316	318	50 kg	500 kg	D	.....
G	Gas, refrigerated liquid, ox-i-dizing, n.o.s. (<i>cryogenic liquid</i>).	2.2	UN3311	.....	2.2, 5.1.	T75, TP5	320	316	318	Forbidden	Forbidden	D	.....
	Gas sample, non-pressurized, flammable, n.o.s., not refriger-ated liquid.	2.1	UN3167	.....	2.1		306	302, 304.	None	1 L	5 L	D	.....
	Gas sample, non-pressurized, toxic, flammable, n.o.s., not refriger-ated liquid.	2.3	UN3168	.....	2.3, 2.1.		306	302	None	Forbidden	1 L	D	.....
	Gas sample, non-pressurized, toxic, n.o.s., not refriger-ated liquid.	2.3	UN3169	.....	2.3		306	302, 304.	None	Forbidden	1 L	D	.....
D	Gasohol gasoline mixed with ethyl alcohol, with not more than 20 percent alcohol.	3	NA1203	II	3		150	202	242	5 L	60 L	E	.....
	Gasoline	3	UN1203	II	3	B33, IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	Gasoline, casinghead, see Gasoline.						.....	.....	.....	.....	.....		.....
	Gelatine, blasting, see Explosive, blasting, type A.						.....	.....	.....	.....	.....		.....
	Gelatine dynamites, see Explosive, blasting, type A.						.....	.....	.....	.....	.....		.....
	Germane	2.3	UN2192	2.3, 2.1.		2	None	192	245	Forbidden	Forbidden	D	40
	Glycerol-1,3-dinitrate	Forbidden						.....	.....	.....	.....	.....	.....
	Glycerol gluconate trinitrate	Forbidden						.....	.....	.....	.....	.....	.....
	Glycerol lactate trinitrate	Forbidden						.....	.....	.....	.....	.....	.....
	Glycerol alpha-monochlorohydrin	6.1	UN2689	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....

Glyceryl trinitrate, see Nitroglycerin, etc.	.....			.....				
Glycidaldehyde	3	UN2622	II	3, 6.1	IB2, IP8, T7, TP1	150	202	243	1 L	60 L	A	40
Grenades, hand or rifle, with bursting charge.	1.1D	UN0284	II	1.1D ..		.....	62	None	Forbidden	Forbidden	07	.....
Grenades, hand or rifle, with bursting charge.	1.2D	UN0285	II	1.2D ..		.....	62	None	Forbidden	Forbidden	07	.....
Grenades, hand or rifle, with bursting charge.	1.1F	UN0292	II	1.1F ..		.....	62	None	Forbidden	Forbidden	08	.....
Grenades, hand or rifle, with bursting charge.	1.2F	UN0293	II	1.2F ..		.....	62	None	Forbidden	Forbidden	08	.....
Grenades, illuminating, see Ammunition, illuminating, etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
Grenades, practice, hand or rifle	1.4S	UN0110	II	1.4S ..		.....	62	None	25 kg	100 kg	05	.....
Grenades, practice, hand or rifle	1.3G	UN0318	II	1.3G ..		.....	62	None	Forbidden	Forbidden	07	.....
Grenades, practice, hand or rifle	1.2G	UN0372	II	1.2G ..		.....	62	None	Forbidden	Forbidden	07	.....
Grenades practice Hand or rifle	1.4G	UN0452	II	1.4G ..		.....	62	None	Forbidden	75 kg	06	.....
Grenades, smoke, see Ammunition, smoke, etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
Guanidine nitrate	5.1	UN1467	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	73
Guanyl nitrosaminoguanilylidene hydrazine (dry).	Forbidden			.....		.....	.....	.....	.....	.....	.....	.....
Guanyl nitrosaminoguanilylidene hydrazine, wetted with not less than 30 percent water, by mass.	1.1A	UN0113	II	1.1A ..		111, 117	None	62	None	Forbidden	Forbidden	12
Guanyl nitrosaminoguanyltetrazenes (dry).	Forbidden			.....		.....	.....	.....	.....	.....	.....	.....
Guanyl nitrosaminoguanyltetrazenes, wetted or Tetrazenes, wetted with not less than 30 percent water or mixture of alcohol and water, by mass.	1.1A	UN0114	II	1.1A ..		111, 117	None	62	None	Forbidden	Forbidden	12
Gunpowder, compressed or Gunpowder in pellets, see Black powder (UN 0028).	.....			.....		.....	.....	.....	.....	.....	.....	.....
Gunpowder, granular or as a meal, see Black powder (UN 0027).	.....			.....		.....	.....	.....	.....	.....	.....	.....
Hafnium powder, dry	4.2	UN2545	I	4.2		None	211	242	Forbidden	Forbidden	D	.....
.....	II	4.2	A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	D
.....	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A) Excep- tions	(8B) Non- bulk	(8C) Bulk	(9A)	(9B)	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Hafnium powder, wetted with not less than 25 percent water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns.	4.1	UN1326	II	4.1	A6, A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	E	.....
	Hand signal device, see Signal devices, hand.				.....		.....	.....	.....	.....	.....		.....
	Hazardous substances, liquid or solid, n.o.s., see Environmentally hazardous substances, etc.				.....		.....	.....	.....	.....	.....		.....
D G	Hazardous waste, liquid, n.o.s. ..	9	NA3082	III	9	IB3, T2, TP1 B54, IB8, IP2	155	203	241	No limit	No limit	A	.....
D G	Hazardous waste, solid, n.o.s. ..	9	NA3077	III	9	B1, IB3, T2, TP1	155	213	240	No limit	No limit	A	.....
	Heating oil, light	3	UN1202	III	3		150	203	242	60 L	220 L	A	.....
	Helium, compressed	2.2	UN1046	.....	2.2		306	302	302, 314.	75 kg	150 kg	A	85
	Helium-oxygen mixture, see Rare gases and oxygen mixtures.				.....		.....	.....	.....	.....	.....		.....
	Helium, refrigerated liquid (cryogenic liquid).	2.2	UN1963	.....	2.2	T75, TP5	320	316	318	50 kg	500 kg	B	.....
	Heptafluoropropane or Refrigerant gas R 227.	2.2	UN3296	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	n-Heptaldehyde	3	UN3056	III	3	B1, IB3, T2, TP1 IB2, T4, TP1	150	203	242	60 L	220 L	A	.....
	Heptanes	3	UN1206	II	3		150	202	242	5 L	60 L	B	.....
	n-Heptene	3	UN2278	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Hexachloroacetone	6.1	UN2661	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	B	12, 40
	Hexachlorobenzene	6.1	UN2729	III	6.1	IB3	153	203	241	60 L	220 L	A	.....
	Hexachlorobutadiene	6.1	UN2279	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Hexachlorocyclopentadiene	6.1	UN2646	I	6.1	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Hexachlorophene	6.1	UN2875	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Hexadecyltrichlorosilane	8	UN1781	II	8	A7, B2, B6, IB2, N34, T7, TP2	None	202	242	Forbidden	200 kg 30 L	C	40

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Hexadienes	3	UN2458	II	3	IB2, T4, TP1	None	202	242	5 L	60 L	B
Hexaethyl tetraphosphate and compressed gas mixtures.	2.3	UN1612	2.3	3	None	334	None	Forbidden	Forbidden	D	40
Hexaethyl tetraphosphate, liquid	6.1	UN1611	II	6.1	IB2, IP2, IP4, N76	None	202	243	5 L	60 L	E	40
Hexaethyl tetraphosphate, solid	6.1	UN1611	II	6.1	IB8, IP2, IP4, N76	None	212	242	25 kg	100 kg	E	40
Hexafluoroacetone	2.3	UN2420	.....	2.3, 8	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
Hexafluoroacetone hydrate	6.1	UN2552	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	B	40
Hexafluoroethane, compressed or Refrigerant gas R 116.	2.2	UN2193	.....	2.2 ....	.....	306	304	314, 315.	75 kg	150 kg	A	.....
Hexafluorophosphoric acid	8	UN1782	II	8	A6, A7, B2, IB2, N3, N34, T8, TP2, TP12	None	202	242	1 L	30 L	A	.....
Hexafluoropropylene compressed or Refrigerant gas R 1216.	2.2	UN1858	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
Hexaldehyde	3	UN1207	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Hexamethylene diisocyanate	6.1	UN2281	II	6.1	IB2, T7, TP2, TP13	None	202	243	5 L	60 L	C	13, 40
Hexamethylene triperoxide diamine (dry).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hexamethylenediamine, solid	8	UN2280	III	8	IB8, IP3, T4, TP1	154	213	240	25 kg	100 kg	A	12
Hexamethylenediamine solution	8	UN1783	III	8	IB2, T7, TP2	None	202	242	1 L	30 L	A	.....
Hexamethyleneimine	3	UN2493	II	3, 8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
Hexamethylenetetramine	4.1	UN1328	III	4.1	IB2, T7, TP1	None	202	243	1 L	5 L	B	40
Hexamethylol benzene hexanitrate.	.....	.....	.....	.....	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
Hexanes	3	UN1208	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
2,2',4,4',6,6'- Hexanitro-3,3'-dihydroxyazobenzene (dry).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hexanitroazoxy benzene .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N,N'-(hexanitrodiphenyl) ethylene dinitramine (dry).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hexanitrodiphenyl urea .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2,2',3',4,4',6- Hexanitrodiphenylamine.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hexanitrodiphenylamine or Dipicrylamine or Hexyl.	1.1D	UN0079	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	10	.....
2,3',4,4',6,6'- Hexanitrodiphenylether.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hexanitroethane .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hexanitroxanilide .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hexanitrostilbene	1.1D	UN0392	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	10	.....
Hexanoic acid, see Corrosive liquids, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hexanols	3	UN2282	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A
1-Hexene	3	UN2370	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E

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Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
	Hexogen and cyclotetramethylenetrinitramine mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Hexogen and HMX mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Hexogen and octogen mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Hexogen, see Cyclotrimethylenetrinitramine, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Hexolite, or Hexitol dry or wetted with less than 15 percent water, by mass.	1.1D	UN0118	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	10	.....
	Hextonal	1.1D	UN0393	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	10	.....
	Hexyl, see Hexanitrodiphenylamine.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Hexyltrichlorosilane	8	UN1784	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L C	40	.....
	High explosives, see individual explosives' entries.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	HMX, see Cyclotetramethylenetrinitramine, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Hydrazine, anhydrous or Hydrazine aqueous solutions with more than 64 percent hydrazine, by mass.	8	UN2029	I	8, 3, 6.1.	A3, A6, A7, A10, B7, B16, B53	None	201	243	Forbidden	2.5 L D	21, 40, 42, 100	.....
	Hydrazine, aqueous solution with not more than 37 percent hydrazine, by mass.	6.1	UN3293	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L A
	Hydrazine azide	Forbidden
	Hydrazine chloride	Forbidden

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<i>Hydrazine dicarbonic acid diazide.</i>	Forbidden	8	UN2030	II	8, 6.1	B16, B53, IB2, T7, TP2, TP13
Hydrazine hydrate or Hydrazine aqueous solutions, with not less than 37 percent but not more than 64 percent hydrazine, by mass.	.....	.....	.....	.....	.....	.....	None	202	243 ....	.....	.....	.....	.....	.....
Hydrazine perchlorate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrazine selenate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydriodic acid, anhydrous, see Hydrogen iodide, anhydrous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydriodic acid	8	UN1787	II	8	A3, A6, B2, IB2, N41, T7, TP2 IB3, T4, TP1	154	202	242 .....	.....	1 L	30 L	C	.....	.....
.....	.....	.....	III	8 .....	.....	154	203	241 .....	.....	5 L	60 L	C	.....	8
Hydrobromic acid, anhydrous, see Hydrogen bromide, anhydrous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrobromic acid, with more than 49 percent hydrobromic acid.	8	UN1788	II	8	B2, B15, IB2, N41, T7, TP2	154	202	242 .....	.....	ForbIDDEN	ForbIDDEN	C	.....	.....
.....	.....	.....	III	8	IB3, T4, TP1	154	203	241 .....	.....	ForbIDDEN	ForbIDDEN	C	.....	8
Hydrobromic acid, with not more than 49 percent hydrobromic acid.	8	UN1788	II	8	A3, A6, B2, B15, IB2, N41, T7, TP2	154	202	242 .....	.....	1 L	30 L	C	.....	.....
.....	.....	.....	III	8	IB3, T4, TP1	154	203	241 .....	.....	ForbIDDEN	ForbIDDEN	C	.....	8
Hydrocarbon gas mixture, compressed, n.o.s..	2.1	UN1964	.....	2.1 .....	.....	306	302	314, 315.	.....	5 L	30 L	C	40	40
Hydrocarbon gas mixture, liquefied, n.o.s..	2.1	UN1965	.....	2.1	T50	306	304	314, 315.	.....	ForbIDDEN	150 kg	E	40	40
Hydrocarbons, liquid, n.o.s.	3	UN3295	I	3	T11, TP1, TP8 IB2, T7, TP1, TP8, TP28	150	201	243 .....	.....	1 L	30 L	E	.....	.....
.....	.....	.....	II	3 .....	.....	150	202	242 .....	.....	5 L	60 L	B	.....	.....
.....	.....	.....	III	3	B1, IB3, T4, TP1, TP29	150	203	242 .....	.....	60 L	220 L	A	.....	.....
Hydrochloric acid, anhydrous, see Hydrogen chloride, anhydrous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrochloric acid	8	UN1789	II	8	A3, A6, B3, B15, IB2, N41, T8, TP2, TP12	154	202	242 .....	.....	1 L	30 L	C	.....	.....
.....	.....	.....	III	8	IB3, T4, TP1, TP12	154	203	241 .....	.....	5 L	60 L	C	.....	8
Hydrocyanic acid, anhydrous, see Hydrogen cyanide etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrocyanic acid, aqueous solutions or Hydrogen cyanide, aqueous solutions with not more than 20 percent hydrogen cyanide.	6.1	UN1613	I	6.1	2, B61, B65, B77, B82, T20, TP2, TP13	None	195	244	ForbIDDEN	ForbIDDEN	D	40	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
D	Hydrocyanic acid, aqueous solu-tions with less than 5 percent hydrogen cyanide.	6.1	NA1613	II	6.1	IB1, T14, TP2, TP13, TP27	None	195	243	Forbidden	5 L	D	40
	<i>Hydrocyanic acid, liquefied, see Hydrogen cyanide, etc.</i>						.....	.....	.....	.....	.....	.....	.....
	<i>Hydrocyanic acid (prussic), unstabilized.</i>						.....	.....	.....	.....	.....	.....	.....
	Hydrofluoric acid and Sulfuric acid mixtures.						8	UN1786	I 8, 6.1	A6, A7, B15, B23, N5, N34, T10, TP2, TP12, TP13	None	201	243 .....	Forbidden	2.5 L	D	40
	<i>Hydrofluoric acid, anhydrous, see Hydrogen fluoride, anhydrous.</i>	8	UN1790	I	8, 6.1	A6, A7, B4, B15, B23, N5, N34, T10, TP2, TP12, TP13	.....	.....	.....	.....	.....	.....	.....
	<i>Hydrofluoric acid, with more than 60 percent strength.</i>						.....	.....	.....	.....	.....	.....	.....
	Hydrofluoric acid, with not more than 60 percent strength.						8	UN1790	II 8, 6.1	A6, A7, B15, IB2, N5, N34, T8, TP2, TP12	None	202	243 .....	0.5 L	2.5 L	D	12, 40
	<i>Hydrofluoroboric acid, see Fluoroboric acid.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Hydrofluosilicic acid, see Fluorosilicic acid.</i>						.....	.....	.....	.....	.....	.....	.....
	Hydrogen and Methane mix-tures, compressed.	2.1	UN2034	.....	2.1 .....	.....	306	302	302, 314, 315.	Forbidden	150 kg	E	40
	Hydrogen bromide, anhydrous ...	2.3	UN1048	.....	2.3, 8	3, B14	None	304	314, 315.	Forbidden	25 kg	D	40
	Hydrogen chloride, anhydrous ...	2.3	UN1050	.....	2.3, 8	3	None	304	None ...	Forbidden	Forbidden	D	40
	Hydrogen chloride, refrigerated liquid.	2.3	UN2186	.....	2.3, 8	3, B6	None	None	314, 315.	Forbidden	Forbidden	B	40
	Hydrogen, compressed	2.1	UN1049	.....	2.1 .....	.....	306	302	302, 314.	Forbidden	150 kg	E	40, 57
	Hydrogen cyanide, solution in al-cohol with not more than 45 percent hydrogen cyanide.	6.1	UN3294	I	6.1, 3	2, 25, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40

Hydrogen cyanide, stabilized with less than 3 percent water.	6.1	UN1051	I	6.1, 3	1, B35, B61, B65, B77, B82	None	195	244	Forbidden	Forbidden	D	40
Hydrogen cyanide, stabilized, with less than 3 percent water and absorbed in a porous inert material.	6.1	UN1614	I	6.1	5	None	195	None	Forbidden	Forbidden	D	25, 40
Hydrogen fluoride, anhydrous	8	UN1052	I	8, 6.1	3, B7, B46, B71, B77, T10, TP2	None	163	243	Forbidden	Forbidden	D	40
Hydrogen iodide, anhydrous	2.3	UN2197	.....	2.3	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
Hydrogen iodide solution, see Hydroiodic acid, solution.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrogen peroxide and peroxy-acetic acid mixtures, stabilized with acids, water and not more than 5 percent peroxy-acetic acid.	5.1	UN3149	II	5.1, 8	A2, A3, A6, B53, IB2, IP5, T7, TP2, TP6, TP24	None	202	243	1 L	5 L	D	25, 66, 75, 106
Hydrogen peroxide, aqueous solutions with more than 40 percent but not more than 60 percent hydrogen peroxide (stabilized as necessary).	5.1	UN2014	II	5.1, 8	12, A3, A6, B53, B80, B81, B85, IB2, IP5, T7, TP2, TP6, TP24	None	202	243	Forbidden	Forbidden	D	25, 66, 75, 106
Hydrogen peroxide, aqueous solutions with not less than 20 percent but not more than 40 percent hydrogen peroxide (stabilized as necessary).	5.1	UN2014	II	5.1, 8	A2, A3, A6, B53, IB2, IP5, T7, TP2, TP6, TP24	None	202	243	1 L	5 L	D	25, 66, 75, 106
Hydrogen peroxide, aqueous solutions with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary).	5.1	UN2984	III	5.1	A1, IB2, IP5, T4, TP1, TP6, TP24	152	203	241	2.5 L	30 L	B	25, 75, 106
Hydrogen peroxide, stabilized or Hydrogen peroxide aqueous solutions, stabilized with more than 60 percent hydrogen peroxide.	5.1	UN2015	I	5.1, 8	12, A3, A6, B53, B80, B81, B85, T10, TP2, TP6, TP24	None	201	243	Forbidden	Forbidden	D	25, 66, 75, 106
Hydrogen, refrigerated liquid (cryogenic liquid).	2.1	UN1966	.....	2.1	T75, TP5	None	316	318, 319.	Forbidden	Forbidden	D	40
Hydrogen selenide, anhydrous ..	2.3	UN2202	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
Hydrogen sulfate, see Sulfuric acid.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrogen sulfide	2.3	UN1053	.....	2.3, 2.1.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
Hydrogendifluorides, n.o.s. solid	8	UN1740	II	8	IB5, IP2, IP4, N3, N34	None	212	240	15 kg	50 kg	A	25, 26, 40
.....	III	8	IB8, IP3, N3, N34	154	213	240	25 kg	100 kg	A	25, 26, 40

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di-vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Hydrogendifluorides, n.o.s. solu-tions.	8	UN1740	II	8	IB2, N3, N34	None	202	242	1 L	30 L	A	25, 26, 40
	.....			III	8	IB3, IP3, N3, N34	154	203	241	5 L	60 L	A	25, 26, 40
	Hydroquinone	6.1	UN2662	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	<i>Hydrosilicofluoric acid, see Fluorosilicic acid.</i>						.....	.....	.....	.....	.....		.....
	<i>Hydroxyl amine iodide</i>	Forbidden					.....	.....	.....	.....	.....		.....
	Hydroxylamine sulfate	8	UN2865	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	Hypochlorite solutions	8	UN1791	II	8	A7, B2, B15, IB2, IP5, N34, T7, TP2, TP24	154	202	242	1 L	30 L	B	26
	.....			III	8	IB3, N34, T4, TP2, TP24	154	203	241	5 L	60 L	B	26
	Hypochlorites, inorganic, n.o.s. ..	5.1	UN3212	II	5.1	IB8, IP2, IP4	152	212	240	5 kg	25 kg	D	48, 56, 58, 69, 106, 116, 118

	<i>Hyponitrous acid</i>	Forbidden					.....	.....	.....	.....	.....		.....
	<i>Igniter fuse, metal clad, see Fuse, igniter, tubular, metal clad.</i>						.....	.....	.....	.....	.....		.....
G	Igniters	1.1G	UN0121	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
G	Igniters	1.2G	UN0314	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	.....
G	Igniters	1.3G	UN0315	II	1.3G ..		None	62	None	Forbidden	Forbidden	07	.....
G	Igniters	1.4G	UN0325	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
G	Igniters	1.4S	UN0454	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
G	3,3'-Mimodipropylamine	8	UN2269	III	8	IB3, T4, TP2	154	203	241	5 L	60 L	A	.....
G	Infectious substances, affecting animals only.	6.2	UN2900	.....	6.2		134	196	None	50 mL or 50 g	4 L or 4 kg	B	.....
G	Infectious substances, affecting humans.	6.2	UN2814	.....	6.2		134	196	None	50 mL or 50 g	4 L or 4 kg	B	.....
G	<i>Inflammable, see Flammable</i> .....						.....	.....	.....	.....	.....		.....
G	<i>Initiating explosives (dry)</i>	Forbidden					.....	.....	.....	.....	.....		.....
G	<i>Inositol hexanitrate (dry)</i>	Forbidden					.....	.....	.....	.....	.....		.....
G	Insecticide gases, n.o.s.	2.2	UN1968	.....	2.2		306	304	314, 315.	75 kg	150 kg	A	.....

G	Insecticide gases, flammable, n.o.s..	2.1	UN3354	.....	2.1		T50	306	304	314, 315.	Forbidden	150 kg	D	40
G	Insecticide gases, toxic, flammable, n.o.s. <i>Inhalation hazard Zone A.</i>	2.3	UN3355	.....	2.3, 2.1.		1	None	192	245	Forbidden	Forbidden	D	40
G	Insecticide gases, toxic, flammable, n.o.s. <i>Inhalation hazard Zone B.</i>	2.3	UN3355	.....	2.3, 2.1.		2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Insecticide gases, toxic, flammable, n.o.s. <i>Inhalation hazard Zone C.</i>	2.3	UN3355	.....	2.3, 2.1.		3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	.....
G	Insecticide gases, toxic, flammable, n.o.s. <i>Inhalation hazard Zone D.</i>	2.3	UN3355	.....	2.3, 2.1.		4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	.....
G	Insecticide gases, toxic, n.o.s.	2.3	UN1967	.....	2.3		3	None	193, 334.	245	Forbidden	Forbidden	D	40
	<i>Inulin trinitrate (dry)</i>	ForbIDDEN						.....	.....	.....	.....	.....	.....	.....
	<i>Iodine azide (dry)</i>	ForbIDDEN						.....	.....	.....	.....	.....	.....	.....
	<i>Iodine monochloride</i>		8	UN1792	II	8	B6, IB8, IP2, IP4, N41, T7, TP2	None	212	240	ForbIDDEN	50 kg	D	40, 66, 74, 89, 90
	<i>Iodine pentafluoride</i>	5.1	UN2495	I	5.1, 6.1, 8.			None	205	243	ForbIDDEN	2.5 L	D	25, 40, 66, 90
	<i>2-lodobutane</i>	3	UN2390	II	3		IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Iodomethylpropanes</i>	3	UN2391	II	3		IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Iodopropanes</i>	3	UN2392	III	3		B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Iodoxy compounds (dry)</i>	ForbIDDEN						.....	.....	.....	.....	.....	.....	.....
	<i>Iridium nitratopentamine iridium nitrate.</i>	ForbIDDEN						.....	.....	.....	.....	.....	.....	.....
	<i>Iron chloride</i> , see Ferric chloride													.....
	<i>Iron oxide</i> , spent, or Iron sponge, spent obtained from coal gas purification.	4.2	UN1376	III	4.2		B18, IB8, IP3	None	213	240	ForbIDDEN	ForbIDDEN	E	.....
	<i>Iron pentacarbonyl</i>	6.1	UN1994	I	6.1, 3		1, B9, B14, B30, B72, B77, T22, TP2, TP13, TP38, TP44	None	192	244	ForbIDDEN	ForbIDDEN	D	40
	<i>Iron sesquichloride</i> , see Ferric chloride.							.....	.....	.....	.....	.....	.....	.....
	<i>Irritating material</i> , see Tear gas substances, etc.							.....	.....	.....	.....	.....	.....	.....
	<i>Isobutane</i> see also Petroleum gases, liquefied.	2.1	UN1969	.....	2.1		19, T50	306	304	314, 315.	ForbIDDEN	150 kg	E	40
	<i>Isobutanol or Isobutyl alcohol</i>	3	UN1212	III	3		B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Isobutyl acetate</i>	3	UN1213	II	3		IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Isobutyl acrylate, stabilized</i>	3	UN2527	III	3		B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Isobutyl alcohol</i> , see Isobutanol						
	<i>Isobutyl aldehyde</i> , see Isobutyaldehyde.						

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
D	Isobutyl chloroformate	6.1	NA2742	I	6.1, 3, 8.	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	1 L	30 L	A	12, 13, 22, 25, 40, 48, 100
+ D	Isobutyl formate	3	UN2393	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
+ D	Isobutyl isobutyrate	3	UN2528	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
+ D	Isobutyl isocyanate	3	UN2486	I	3, 6.1	1, B9, B14, B30, B72, T22, TP2, TP13, TP27	None	226	244	Forbidden	Forbidden	D	40
+ D	Isobutyl methacrylate, stabilized	3	UN2283	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
+ D	Isobutyl propionate	3	UN2394	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	B	.....
+ D	Isobutylamine	3	UN1214	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	40
+ D	Isobutylene see also Petroleum gases, liquefied.	2.1	UN1055	.....	2.1	19, T50	306	304	314, 315.	Forbidden	150 kg	E	40
+ D	Isobutyrinaldehyde or Isobutyl aldehyde.	3	UN2045	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	40
+ D	Isobutyric acid	3	UN2529	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	.....
+ D	Isobutynitrile	3	UN2284	II	3, 6.1	IB2, T7, TP2, TP13	None	202	243	1 L	60 L	E	40
G	Isobutyl chloride	3	UN2395	II	3, 8	IB1, T7, TP2	None	202	243	1 L	5 L	C	40
G	Isocyanates, flammable, toxic, n.o.s. or Isocyanate solutions, flammable, toxic, n.o.s. flash point less than 23 degrees C.	3	UN2478	II	3, 6.1	5, A3, A7, IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	D	40
G	Isocyanates, toxic, flammable, n.o.s. or Isocyanate solutions, toxic, flammable, n.o.s., flash point not less than 23 degrees C but not more than 61 degrees C and boiling point less than 300 degrees C.	6.1	UN3080	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	25, 40, 48
G	Isocyanates, toxic, n.o.s. or Isocyanate solutions, toxic, n.o.s., flash point more than 61 degrees C and boiling point less than 300 degrees C.	6.1	UN2206	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	E	25, 40, 48
			III	6.1	IB3, T7, TP1, TP13, TP28	153	203	241	60 L	220 L	E	25, 40, 48

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Isocyanatobenzotrifluorides	6.1	UN2285	II	6.1, 3	5, IB2, T7, TP2	None	202	243	5 L	60 L	D	25, 40, 48
Isoheptenes	3	UN2287	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Isohexenes	3	UN2288	II	3	IB2, IP8, T11, TP1	150	202	242	5 L	60 L	E	.....
<i>Isooctane, see Octanes</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Isooctenes	3	UN1216	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
<i>Isopentane, see Pentane</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Isopentanoic acid, see Corrosive liquids, n.o.s.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Isopentenes	3	UN2371	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
Isophorone diisocyanate	6.1	UN2290	III	6.1	IB3, T4, TP2	153	203	241	60 L	220 L	B	40
Isophoronediamine	8	UN2289	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
Isoprene, stabilized	3	UN1218	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
Isopropanol or Isopropyl alcohol	3	UN1219	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Isopropenyl acetate	3	UN2403	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Isopropenylbenzene	3	UN2303	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Isopropyl acetate	3	UN1220	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Isopropyl acid phosphate	8	UN1793	III	8	IB8, IP3, T4, TP1	154	213	240	25 kg	100 kg	A	.....
Isopropyl alcohol, <i>see</i> Isopropanol .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Isopropyl butyrate	3	UN2405	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Isopropyl chloroacetate	3	UN2947	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Isopropyl chloroformate	6.1	UN2407	I	6.1, 3, 8.	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP44	None	227	244	Forbidden	Forbidden	B	40
+ Isopropyl 2-chloropropionate	3	UN2934	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Isopropyl isobutyrate	3	UN2406	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Isopropyl isocyanate	3	UN2483	I	3, 6.1	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
<i>Isopropyl mercaptan, see Propanethiols.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Isopropyl nitrate	3	UN1222	II	3	IB2, IP7	150	202	None	5 L	60 L	D	.....
<i>Isopropyl phosphoric acid, see Isopropyl acid phosphate.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Isopropyl propionate	3	UN2409	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Isopropylamine	3	UN1221	I	3, 8	T11, TP2	None	201	243	0.5 L	2.5 L	E	.....
Isopropylbenzene	3	UN1918	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Isopropylcumyl hydroperoxide, with more than 72 percent in solution.	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Isosorbide dinitrate mixture with not less than 60 percent lactose, mannose, starch or calcium hydrogen phosphate.	4.1	UN2907	II	4.1	IB6, IP2	None	212	None	15 kg	50 kg	E	.....
Isosorbide-5-mononitrate	4.1	UN3251	III	4.1	66, IB8	151	213	240	Forbidden	Forbidden	D	12
<i>Isothiocyanic acid</i>	Forbidden

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
D	<i>Jet fuel, see Fuel aviation, turbine engine.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Jet perforating guns, charged oil well, with detonator.	1.1D	NA0124	II	1.1D ..	55, 56	None	62	None	Forbidden	Forbidden	07	.....
	Jet perforating guns, charged oil well, with detonator.	1.4D	NA0494	II	1.4D ..	55, 56	None	62	None	Forbidden	Forbidden	06	.....
	Jet perforating guns, charged oil well, without detonator.	1.1D	UN0124	II	1.1D ..	55	None	62	None	Forbidden	Forbidden	07	.....
	Jet perforating guns, charged oil well, without detonator.	1.4D	UN0494	II	1.4D ..	55, 114	None	62	None	Forbidden	300 kg	06	.....
	<i>Jet perforators, see Charges, shaped, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Jet tappers, without detonator, see Charges, shaped, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Jet thrust igniters, for rocket motors or Jato, see Igniters.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Jet thrust unit (Jato), see Rocket motors.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Kerosene	3	UN1223	III	3	B1, IB3, T2, TP2 T11, TP1, TP8, TP27	150	203	242	60 L	220 L	A	.....
G	Ketones, liquid, n.o.s.	3	UN1224	I	3 .....	.....	None	201	243	1 L	30 L	E	.....
	.....	.....	.....	II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
	Krypton, compressed	2.2	UN1056	.....	2.2 ....	.....	306	302	None	75 kg	150 kg	.....	.....
	Krypton, refrigerated liquid (<i>cryogenic liquid</i>).	2.2	UN1970	.....	2.2	T75, TP5	320	None	None	50 kg	500 kg	A	.....
	<i>Lacquer base or lacquer chips, nitrocellulose, dry, see Nitrocellulose, etc. (UN 2557).</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Lacquer base or lacquer chips, plastic, wet with alcohol or solvent, see Nitrocellulose (UN2059, UN2555, UN2556, UN2557) or Paint etc.(UN1263).</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Lead acetate	6.1	UN1616	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A
	Lead arsenates	6.1	UN1617	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A

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Lead arsenites	6.1 Forbidden	UN1618	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A
Lead azide (dry)	1.1A	UN0129	II	1.1A ...	111, 117	None	62	None	Forbidden	Forbidden	12	.....
Lead azide, wetted with not less than 20 percent water or mixture of alcohol and water, by mass.												
Lead compounds, soluble, n.o.s.	6.1	UN2291	III	6.1	138, IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Lead cyanide	6.1	UN1620	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	26
Lead dioxide	5.1	UN1872	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Lead dross, see Lead sulfate, with more than 3 percent free acid.	.....	.....								
Lead nitrate	5.1	UN1469	II	5.1, 6.1.	IB8, IP2, IP4	None	212	242	5 kg	25 kg	A	.....
Lead nitroresorcinate (dry)	Forbidden	UN1470	II	5.1, 6.1.	IB6, IP2, T4, TP1	None	212	242	5 kg	25 kg	A	.....
Lead perchlorate, solid	5.1	UN1470	II	5.1, 6.1.	IB1, T4, TP1	None	202	243	1 L	5 L	A	56, 58, 106
Lead perchlorate, solution	5.1	UN1470										
Lead peroxide, see Lead dioxide	.....	.....								
Lead phosphite, dibasic	4.1	UN2989	II	4.1	IB8, IP2, IP4	None	212	240	5 kg	25 kg	B	34
Lead picrate (dry)	Forbidden .....	.....	III	4.1	IB8, IP3	151	213	240	15 kg	50 kg	B	34
Lead styphnate (dry)	Forbidden .....	.....									
Lead styphnate, wetted or Lead trinitroresorcinate, wetted with not less than 20 percent water or mixture of alcohol and water, by mass.	1.1A	UN0130	II	1.1A ...	111, 117	None	62	None	Forbidden	Forbidden	12	.....
Lead sulfate with more than 3 percent free acid.	8	UN1794	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
Lead trinitroresorcinate, see Lead styphnate, etc.	.....	.....								
Life-saving appliances, not self inflating containing dangerous goods as equipment.	9	UN3072	.....	None	143	None	219	None	No limit	No limit	A	.....
Life-saving appliances, self inflating.	9	UN2990	.....	None	.....	None	219	None	No limit	No limit	A	.....
Lighter replacement cartridges containing liquefied petroleum gases (and similar devices, each not exceeding 65 grams), see Lighters or lighter refills etc. containing flammable gas.	.....	.....								
Lighters, fuse	1.4S 2.1	UN0131 UN1057	II	1.4S ... 2.1	N10	None None	62, 21, 308	None None	25 kg 1 kg	100 kg 15 kg	05 B 40

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	<i>Lime, unslaked, see Calcium oxide.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G	Liquefied gas, flammable, n.o.s.	2.1	UN3161	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	D	40
G	Liquefied gas, n.o.s.	2.2	UN3163	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
G	Liquefied gas, oxidizing, n.o.s.	2.2	UN3157	.....	2.2, 5.1.	.....	306	304	314, 315.	75 kg	150 kg	D	.....
G I	Liquefied gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3308	.....	2.3, 8	1	None	192	245	Forbidden	Forbidden	D	40
G I	Liquefied gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3308	.....	2.3, 8	2	None	304	314, 315.	Forbidden	Forbidden	D	40
G I	Liquefied gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3308	.....	2.3, 8	3	None	304	314, 315.	Forbidden	Forbidden	D	40
G I	Liquefied gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3308	.....	2.3, 8	4	None	304	314, 315.	Forbidden	Forbidden	D	40
G I	Liquefied gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3309	.....	2.3, 2.1, 8.	1	None	192	245	Forbidden	Forbidden	D	17, 40
G I	Liquefied gas toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3309	.....	2.3, 2.1, 8.	2	None	304	314, 315.	Forbidden	Forbidden	D	17, 40
G I	Liquefied gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3309	.....	2.3, 2.1, 8.	3	None	304	314, 315.	Forbidden	Forbidden	D	17, 40
G I	Liquefied gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3309	.....	2.3, 2.1, 8.	4	None	304	314, 315.	Forbidden	Forbidden	D	17, 40
G	Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3160	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3160	.....	2.3, 2.1.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40

G	Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3160	.....	2.3, 2.1.	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3160	.....	2.3, 2.1.	4	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3162	.....	2.3	1	None	192	245	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3162	.....	2.3	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3162	.....	2.3	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3162	.....	2.3	4	None	304	314, 315.	Forbidden	Forbidden	D	40
G I	Liquefied gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3310	.....	2.3, 5.1, 8.	1	None	192	245	Forbidden	Forbidden	D	40, 89, 90
G I	Liquefied gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3310	.....	2.3, 2.1, 8.	2	None	304	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G I	Liquefied gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3310	.....	2.3, 2.1, 8.	3	None	304	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G I	Liquefied gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3310	.....	2.3, 2.1, 8.	4	None	304	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G	Liquefied gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3307	.....	2.3, 5.1.	1	None	192	245	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3307	.....	2.3, 5.1.	2	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3307	.....	2.3, 5.1.	3	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3307	.....	2.3, 5.1.	4	None	304	314, 315.	Forbidden	Forbidden	D	40
	Liquefied gases, non-flammable charged with nitrogen, carbon dioxide or air.	2.2	UN1058	.....	2.2	306	304	None	75 kg	150 kg	A	.....	.....
	<i>Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s..</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Liquefied natural gas, see Methane, etc. (UN 1972).</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Liquefied petroleum gas see Petroleum gases, liquefied.</i>
	Lithium	4.3	UN1415	I	4.3	A7, A19, IB1, IP1, N45	None	211	244	Forbidden	15 kg	E

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Lithium acetylide ethylene-diamine complex, see Water reactive solid etc.												
	Lithium alkyls	4.2	UN2445	I	4.2, 4.3.	B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
	Lithium aluminum hydride	4.3	UN1410	I	4.3	A19	None	211	242	Forbidden	15 kg	E	.....
	Lithium aluminum hydride, ether-real.	4.3	UN1411	I	4.3, 3	A2, A3, A11, N34	None	201	244	Forbidden	1 L	D	40
	Lithium batteries, contained in equipment.	9	UN3091	II	9	29	185(i) ...	185	None	5 kg	5 kg	A	.....
	Lithium batteries packed with equipment.	9	UN3091	II	9	29	185	185	None	5 kg gross	35 kg gross	A	.....
	Lithium battery	9	UN3090	II	9	29	185	185	None	5 kg gross	35 kg gross	A	.....
	Lithium borohydride	4.3	UN1413	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....
	Lithium ferrosilicon	4.3	UN2830	II	4.3	A19, IB7, IP2	151	212	241	15 kg	50 kg	E	40, 85, 103
	Lithium hydride	4.3	UN1414	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....
	Lithium hydride, fused solid	4.3	UN2805	II	4.3	A8, A19, A20, IB4	151	212	241	15 kg	50 kg	E	.....
	Lithium hydroxide, monohydrate or Lithium hydroxide, solid.	8	UN2680	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	Lithium hydroxide, solution	8	UN2679	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
				III	8	IB3, T4, TP2	154	203	241	5 L	60 L	A	96
	Lithium hypochlorite, dry with more than 39% available chlorine (8.8% available oxygen) or Lithium hypochlorite mixtures, dry with more than 39% available chlorine (8.8% available oxygen).	5.1	UN1471	II	5.1	A9, IB8, IP2, IP4, N34	152	212	240	5 kg	25 kg	A	48, 56, 58, 69, 106, 116
	Lithium in cartridges, see Lithium.												
	Lithium nitrate	5.1	UN2722	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Lithium nitride	4.3	UN2806	I	4.3	A19, IB4, IP1, N40	None	211	242	Forbidden	15 kg	E	.....
	Lithium peroxide	5.1	UN1472	II	5.1	A9, IB6, IP2,	152	212	None	5 kg	25 kg	A	13, 75, 106
	Lithium silicon	4.3	UN1417	II	4.3	A19, A20, IB7, IP2	151	212	241	15 kg	50 kg	A	85, 103

LNG, see Methane etc. (UN 1972).														
London purple	6.1	UN1621	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....	.....	.....
LPG, see Petroleum gases, liquefied.														
Lye, see Sodium hydroxide, solutions.														
Magnesium alkyls	4.2	UN3053	I	4.2, 4.3.	B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	18	.....	.....
Magnesium aluminum phosphide.	4.3	UN1419	I	4.3, 6.1.	A19, N34, N40	None	211	242	Forbidden	15 kg	E	40, 85	.....	.....
+ Magnesium arsenate	6.1	UN1622	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....	.....	.....
Magnesium bisulfite solution, see Bisulfites, aqueous solutions, n.o.s..														
Magnesium bromate	5.1	UN1473	II	5.1	A1, IB8, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106	.....	.....
Magnesium chlorate	5.1	UN2723	II	5.1	IB8, IP2, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106	.....	.....
Magnesium diamide	4.2	UN2004	II	4.2	A8, A19, A20, IB6	None	212	241	15 kg	50 kg	C	.....	.....	.....
Magnesium diphenyl	4.2	UN2005	I	4.2		None	187	244	Forbidden	Forbidden	C	.....	.....	.....
Magnesium dross, wet or hot	Forbidden													
Magnesium fluorosilicate	6.1	UN2853	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26	.....	.....
Magnesium granules, coated, particle size not less than 149 microns.	4.3	UN2950	III	4.3	A1, A19, IB8, IP4	151	213	240	25 kg	100 kg	A	.....	.....	.....
Magnesium hydride	4.3	UN2010	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....	.....	.....
Magnesium or Magnesium alloys with more than 50 percent magnesium in pellets, turnings or ribbons.	4.1	UN1869	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	39	.....	.....
Magnesium nitrate	5.1	UN1474	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....	.....	.....
Magnesium perchlorate	5.1	UN1475	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	56, 58, 106	.....	.....
Magnesium peroxide	5.1	UN1476	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	13, 75, 106	.....	.....
Magnesium phosphide	4.3	UN2011	I	4.3, 6.1.	A19, N40	None	211	None	Forbidden	15 kg	E	40, 85	.....	.....
Magnesium, powder or Magnesium alloys, powder.	4.3	UN1418	I	4.3, 4.2.	A19, B56	None	211	244	Forbidden	15 kg	A	39	.....	.....
.....	.....	.....	II	4.3, 4.2.	A19, B56, IB5, IP2	None	212	241	15 kg	50 kg	A	39	.....	.....
.....	.....	.....	III	4.3, 4.2.	A19, B56, IB8, IP4	None	213	241	25 kg	100 kg	A	39	.....	.....
Magnesium scrap, see Magnesium, etc. (UN 1869).														
Magnesium silicide	4.3	UN2624	II	4.3	A19, A20, IB7, IP2	151	212	241	15 kg	50 kg	B	85, 103

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	<i>Magnetized material, see § 173.21.</i>												
	Maleic anhydride	8	UN2215	III	8	IB8, IP3, T4, TP1	154	213	240	25 kg	100 kg	A	.....
	Malononitrile	6.1	UN2647	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	12
	<i>Mancozeb (manganese ethylenebisdithiocarbamate complex with zinc) see Maneb.</i>												
	Maneb or Maneb preparations with not less than 60 percent maneb.	4.2	UN2210	III	4.2, 4.3.	57, A1, A19, IB6	None	213	242	25 kg	100 kg	A	34
	Maneb stabilized or Maneb preparations, stabilized against self-heating.	4.3	UN2968	III	4.3	54, A1, A19, IB8, IP4	151	213	242	25 kg	100 kg	B	34
	Manganese nitrate	5.1	UN2724	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Manganese resinate	4.1	UN1330	III	4.1	A1, IB6	151	213	240	25 kg	100 kg	A	.....
	<i>Mannitan tetranitrate</i>	Forbidden											
	<i>Mannitol hexanitrate (dry)</i>	Forbidden											
	Manitol hexanitrate, wetted or Nitromannite, wetted with not less than 40 percent water, or mixture of alcohol and water, by mass.	1.1D	UN0133	II	1.1D ..	121	None	62	None	Forbidden	Forbidden	10	.....
	<i>Marine pollutants, liquid or solid, n.o.s., see Environmentally hazardous substances, liquid or solid, n.o.s..</i>												
	<i>Matches, block, see Matches, 'strike anywhere'.</i>												
	Matches, fusee	4.1	UN2254	III	4.1		186	186	None	Forbidden	Forbidden	A	.....
	Matches, safety (book, card or strike on box).	4.1	UN1944	III	4.1		186	186	None	25 kg	100 kg	A	.....
	Matches, strike anywhere	4.1	UN1331	III	4.1		186	186	None	Forbidden	Forbidden	B	.....
	Matches, wax, Vesta	4.1	UN1945	III	4.1		186	186	None	25 kg	100 kg	B	.....
	<i>Matting acid, see Sulfuric acid</i>												
	Medicine, liquid, flammable, toxic, n.o.s..	3	UN3248	II	3, 6.1	36, IB2	None	202	None	1 L	5 L	B	40
	Medicine, liquid, toxic, n.o.s..	6.1	UN1851	III	3, 6.1	36, IB3	150	203	None	5 L	5 L	A	.....
					II	6.1	153	202	243	5 L	5 L	C	40
					III	6.1	153	203	241	5 L	5 L	C	40

	Medicine, solid, toxic, n.o.s.	6.1	UN3249	II	6.1	36	153	212	None ...	5 kg	5 kg	C	40
	<i>Mehtetrahydrophthalic anhydride, see Corrosive liquids, n.o.s.</i>	.....	.....	III	6.1	36	153	213	None ...	5 kg	5 kg	C	40
	Mercaptans, liquid, flammable, n.o.s. or Mercapton mixture, liquid, flammable, n.o.s..	3	UN3336	I	3	T11, TP2	150	201	243	1 L	30 L	E	95
	.....	.....	.....	II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	95
	.....	.....	.....	III	3	B1, B52, IB3, T4, TP1, TP29	150	203	241	60 L	220 L	B	95
	Mercaptans, liquid, flammable, toxic, n.o.s. or Mercapton mixtures, liquid, flammable, toxic, n.o.s..	3	UN1228	II	3, 6.1	IB2, T11, TP2, TP27	None	202	243	Forbidden	60 L	B	40, 95
	.....	.....	.....	III	3, 6.1	B1, IB3, T7, TP1, TP28	150	203	242	5 L	220 L	A	40, 95
	Mercaptans, liquid, toxic, flammable, n.o.s. or Mercapton mixtures, liquid, toxic, flammable, n.o.s., <i>flash point not less than 23 degrees C.</i>	6.1	UN3071	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	C	40, 121
	5-Mercaptotetrazol-1-acetic acid	1.4C	UN0448	II	1.4C ..	.....	.....	.....	.....	.....	.....	.....	.....
	Mercuric arsenate	6.1	UN1623	II	6.1	IB8, IP2, IP4	None	62	None ...	ForbIDDEN	75 kg	09	.....
	Mercuric chloride	6.1	UN1624	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	<i>Mercuric compounds, see Mercury compounds, etc.</i>	.....	.....	.....	.....	.....	None	212	242	25 kg	100 kg	A	.....
	Mercuric nitrate	6.1	UN1625	II	6.1	IB8, IP2, IP4, N73	None	212	242	25 kg	100 kg	A	.....
+ A W	Mercuric potassium cyanide	6.1	UN1626	I	6.1	IB7, IP1, N74, N75	None	211	242	5 kg	50 kg	A	26
	<i>Mercuric sulfocyanate, see Mercury thiocyanate.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Mercurol, see Mercury nucleate</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Mercurous azide</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Mercurous compounds, see Mercury compounds, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mercurous nitrate	6.1	UN1627	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury	8	UN2809	III	8 .....	.....	164	164	240	35 kg	35 kg	B	40, 97
	Mercury acetate	6.1	UN1629	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	<i>Mercury acetylide</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mercury ammonium chloride	6.1	UN1630	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury based pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2778	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	ForbIDDEN	30 L	B	40
	Mercury based pesticides, liquid, toxic.	6.1	UN3012	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
				I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Symbol	Hazardous materials descriptions and proper shipping names	Hazard class or Division	Identification Numbers	PG	Label Codes	Special provisions (\$172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stowage		
							Exceptions	Non-bulk	Bulk	Passenger aircraft/rail	Cargo aircraft only	Location	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)	
A	Mercury based pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN3011	II III I II III	6.1 6.1 6.1, 3 6.1, 3 6.1, 3	IB2, T11, TP2, TP13, TP27 IB3, T7, TP2, TP28 T14, TP2, TP13, TP27 IB2, T11, TP2, TP13, TP27 IB3, T7, TP2, TP28	None	202	243	5 L	60 L	B	40	
							153	203	241	60 L	220 L	A	40	
							None	201	243	1 L	30 L	B	40	
							None	202	243	5 L	60 L	B	40	
							153	203	242	60 L	220 L	A	40	
	Mercury based pesticides, solid, toxic.	6.1	UN2777	I	6.1	IB7, IP1 IB8, IP2, IP4 IB8, IP3 IB8, IP2, IP4 IB8, IP2, IP4	None	211	242	5 kg	50 kg	A	40	
							II	212	242	25 kg	100 kg	A	40	
							III	153	213	240	100 kg	200 kg	A	40
							II	212	242	25 kg	100 kg	A	.....
							II	212	242	25 kg	100 kg	A	.....
A	Mercury benzoate	6.1	UN1631	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40	
	Mercury bromides	6.1	UN1634	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury compounds, liquid, n.o.s..	6.1	UN2024	I	6.1	IB8, IP2, IP4	None	201	243	1 L	30 L	B	40	
	Mercury compounds, solid, n.o.s..	6.1	UN2025	II III I	6.1	IB2 IB3 IB7, IP1	None	202	243	5 L	60 L	B	40	
							III	153	203	241	60 L	220 L	B	40
							I	211	242	5 kg	50 kg	A	.....
							II	212	242	25 kg	100 kg	A	.....
							III	153	213	240	100 kg	200 kg	A
A	Mercury contained in manufactured articles.	8	UN2809	III	8	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury cyanide	6.1	UN1636	II	6.1	IB8, IP2, IP4, N74, N75	None	212	242	25 kg	100 kg	A	26	
	Mercury fulminate, wetted with not less than 20 percent water, or mixture of alcohol and water, by mass.	1.1A	UN0135	II	1.1A ...	111, 117	None	62	None	Forbidden	Forbidden	12	.....
	Mercury gluconate	6.1	UN1637	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury iodide, solid	6.1	UN1638	II	6.1	IB2, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
A	Mercury iodide aquabasic ammonobasic (Iodide of Millon's base).	Forbidden	
	Mercury iodide, solution	6.1	UN1638	II	6.1	IB8, IP2, IP4	None	202	243	5 L	60 L	A	

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+	<i>Mercury nitride</i>	Forbidden	UN1639	II	6.1	IB8, IP2, IP4	None	212	242
	Mercury nucleate	6.1	UN1640	II	6.1	IB8, IP2, IP4	None	212	242
	<i>Mercury oleate</i>	6.1	UN1641	II	6.1	IB8, IP2, IP4	None	212	242 ....	.....	.....	.....	.....
	<i>Mercury oxide</i>	6.1	UN1641	II	6.1	IB8, IP2, IP4	None	212	242 ....	.....	.....	.....	.....
	<i>Mercury oxycyanide</i>	Forbidden	UN1642	II	6.1	IB8, IP2, IP4	None	212	242 ....	.....	.....	.....	.....
	Mercury oxycyanide, de-sensitized.	6.1	UN1642	II	6.1	IB8, IP2, IP4	None	212	242 ....	.....	25 kg	100 kg	A
	<i>Mercury potassium iodide</i>	6.1	UN1643	II	6.1	IB8, IP2, IP4	None	212	242 ....	.....	25 kg	100 kg	A
	Mercury salicylate	6.1	UN1644	II	6.1	IB8, IP2, IP4	None	212	242 ....	.....	25 kg	100 kg	A
	<i>Mercury sulfates</i>	6.1	UN1645	II	6.1	IB8, IP2, IP4	None	212	242 ....	.....	25 kg	100 kg	A
	Mercury thiocyanate	6.1	UN1646	II	6.1	IB8, IP2, IP4	None	212	242 ....	.....	25 kg	100 kg	A
	<i>Mesityl oxide</i>	3	UN1229	III	3	B1, IB3, T2, TP1 B9, B11, T21, TP2, TP7	None	203	242 ....	.....	60 L	220 L	A
	Metal alkyl halides, water-reactive n.o.s. or Metal aryl halides, water-reactive, n.o.s..	4.2	UN3049	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244 ....	.....	ForbIDDEN	ForbIDDEN	D
	Metal alkyl hydrides, water-reactive, n.o.s. or Metal aryl hydrides, water-reactive, n.o.s..	4.2	UN3050	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244 ....	.....	ForbIDDEN	ForbIDDEN	D
	Metal alkyls, water-reactive, n.o.s. or Metal aryls, water-reactive n.o.s..	4.2	UN2003	I	4.2, 4.3.	B11, T21, TP2, TP7	None	181	244 ....	.....	ForbIDDEN	ForbIDDEN	D
	<i>Metal carbonyls, n.o.s.</i>	6.1	UN3281	I	6.1	5, T14, TP2, TP13, TP27	None	201	243 ....	.....	1 L	30 L	B
	.....	.....	.....	II	6.1	IB2, T11, TP2, TP27	None	202	243 ....	.....	5 L	60 L	B
	.....	.....	.....	III	6.1	IB3, T7, TP1, TP28	153	203	241 ....	.....	60 L	220 L	A
	Metal catalyst, dry	4.2	UN2881	I	4.2	N34	None	187	None ....	.....	25 kg	100 kg	C
	.....	.....	.....	II	4.2	IB6, IP2, N34	None	187	242 ....	.....	ForbIDDEN	50 kg	C
	.....	.....	.....	III	4.2	IB8, IP3, N34	None	187	241 ....	.....	25 kg	100 kg	C
	<i>Metal catalyst, wetted with a visible excess of liquid.</i>	4.2	UN1378	II	4.2	A2, A8, IB1, N34	None	212	None ....	.....	ForbIDDEN	50 kg	C
	Metal hydrides, flammable, n.o.s..	4.1	UN3182	II	4.1	A1, IB4	151	212	240 ....	.....	15 kg	50 kg	E
	Metal hydrides, water reactive, n.o.s..	4.3	UN1409	III	4.1	A1, IB4	151	213	240 ....	.....	25 kg	100 kg	E
	.....	.....	.....	I	4.3	A19, N34, N40	None	211	242 ....	.....	ForbIDDEN	15 kg	D
	.....	.....	.....	II	4.3	A19, IB4, N34, N40	151	212	242 ....	.....	15 kg	50 kg	D
	Metal powder, self-heating, n.o.s..	4.2	UN3189	II	4.2	IB6, IP2	None	212	241 ....	.....	15 kg	50 kg	C
	Metal powders, flammable, n.o.s..	4.1	UN3089	III	4.2	IB8, IP3	None	213	241 ....	.....	25 kg	100 kg	C
	.....	.....	.....	II	4.1	IB8, IP2, IP4	151	212	240 ....	.....	15 kg	50 kg	B
	<i>Metal salts of methyl nitramine (dry).</i>	Forbidden	.....	III	4.1	IB6	151	213	240 ....	.....	25 kg	100 kg	B
	Metal salts of organic compounds, flammable, n.o.s..	4.1	UN3181	II	4.1	A1, IB8, IP2, IP4	151	212	240 ....	.....	15 kg	50 kg	B
	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	B
	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	B

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Metaldehyde	4.1	UN1332	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
	Metallic substance, water-reactive, n.o.s..	4.3	UN3208	I	4.3	IB4	None	211	242	ForbIDDEN	15 kg	E	40
G	Metallic substance, water-reactive, self-heating, n.o.s..	4.3	UN3209	II	4.3	IB7, IP2	151	212	242	15 kg	50 kg	E	40
	.....	.....	.....	III	4.3	IB8, IP4	151	213	241	25 kg	100 kg	E	40
	.....	.....	.....	I	4.3 .....	.....	None	211	242	ForbIDDEN	15 kg	E	40
	.....	.....	.....	II	4.3, 4.2.	IB5, IP2	None	212	242	15 kg	50 kg	E	40
	.....	.....	.....	III	4.3, 4.2.	IB8, IP4	None	213	242	25 kg	100 kg	E	40
	Methacrylaldehyde, stabilized	3	UN2396	II	3, 6.1	45, IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40
	Methacrylic acid, stabilized	8	UN2531	II	8	IB3, T4, TP1, TP18	154	202	242	1 L	30 L	A	.....
+ +	Methacrylonitrile, stabilized	3	UN3079	I	3, 6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	D	12, 40, 48
	Methylal alcohol	3	UN2614	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Methane and hydrogen, mixtures, see Hydrogen and methane, mixtures, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Methane, compressed or Natural gas, compressed (with high methane content).	2.1	UN1971	.....	2.1 .....	.....	306	302	302	ForbIDDEN	150 kg	E	40
	Methane, refrigerated liquid (cryogenic liquid) or Natural gas, refrigerated liquid (cryogenic liquid), with high methane content.	2.1	UN1972	.....	2.1	T75, TP5	None	None	318	ForbIDDEN	ForbIDDEN	D	40
	Methanesulfonyl chloride	6.1	UN3246	I	6.1, 8	2, 25, B9, B14, B32, B74, T20, TP2, TP12, TP13, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	D	40
+ I D	Methanol	3	UN1230	II	3, 6.1	IB2, T7, TP2	150	202	242	1 L	60 L	B	40
	Methanol	3	UN1230	II	3	IB2, T7, TP2	150	202	242	1 L	60 L	B	40
	Methzoic acid .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

	4-Methoxy-4-methylpentan-2-one.	3	UN2293	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A
+ 1-Methoxy-2-propanol	3 UN3092	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....	.....
Methoxymethyl isocyanate	3 UN2605	I	3, 6.1	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	.....	40
Methyl acetate	3 UN1231	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....	.....
Methyl acetylene and propadiene mixtures, stabilized.	2.1 UN1060	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	.....	40
Methyl acrylate, stabilized	3 UN1919	II	3	IB2, T4, TP1, TP13	150	202	242	5 L	60 L	B	.....	.....
<i>Methyl alcohol, see Methanol</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Methyl allyl chloride	3 UN2554	II	3	IB2, T4, TP1, TP13	150	202	242	5 L	60 L	E	.....	.....
<i>Methyl amyl ketone, see Amyl methyl ketone.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Methyl bromide	2.3 UN1062	.....	2.3	3, B14, T50	None	193	314, 315.	Forbidden	25 kg	D	.....	40
<i>Methyl bromide and chloropicrin mixtures with more than 2 percent chloropicrin, see Chloropicrin and methyl bromide mixtures.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Methyl bromide and chloropicrin mixtures with not more than 2 percent chloropicrin, see Methyl bromide.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Methyl bromide and ethylene dibromide mixtures, liquid.	6.1 UN1647	I	6.1	2, B9, B14, B32, B74, N65, T20, TP2, TP13, TP38, TP44	None	227	244	Forbidden	Forbidden	C	.....	40
Methyl bromoacetate	6.1 UN2643	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	D	.....	40
2-Methyl-1-butene	3 UN2459	I	3	T11, TP2	None	201	243	1 L	30 L	E	.....	.....
2-Methyl-2-butene	3 UN2460	II	3	IB2, IP8, T7, TP1	None	202	242	5 L	60 L	E	.....	.....
3-Methyl-1-butene	3 UN2561	I	3	T11, TP2	None	201	243	1 L	30 L	E	.....	.....
Methyl tert-butyl ether	3 UN2398	II	3	IB2, T7, TP1	150	202	242	5 L	60 L	E	.....	.....
Methyl butyrate	3 UN1237	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....	.....
Methyl chloride, or Refrigerant gas R 40.	2.1 UN1063	.....	2.1	T50	306	304	314, 315.	5 kg	100 kg	D	.....	40
<i>Methyl chloride and chloropicrin mixtures, see Chloropicrin and methyl chloride mixtures.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Methyl chloride and methylene chloride mixtures.	2.1 UN1912	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	D	.....	40
Methyl chloroacetate	6.1 UN2295	I	6.1, 3	T14, TP2, TP13	None	201	243	1 L	30 L	D	.....	.....
<i>Methyl chlorocarbonate, see Methyl chloroformate.</i>	
<i>Methyl chloroform, see 1,1,1-Trichloroethane.</i>	

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	Methyl chloroformate	6.1	UN1238	I	6.1, 3, 8.	1, B9, B14, B30, B72, N34, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	21, 40, 100
	Methyl chloromethyl ether	6.1	UN1239	I	6.1, 3	1, B9, B14, B30, B72, T22, TP2, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
	Methyl 2-chloropropionate	3	UN2933	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Methyl dichloroacetate	6.1	UN2299	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	<i>Methyl ethyl ether, see Ethyl methyl ether.</i>						.....	.....	.....	.....	.....		.....
	Methyl ethyl ketone, see Ethyl methyl ketone.						.....	.....	.....	.....	.....		.....
	<i>Methyl ethyl ketone peroxide, in solution with more than 9 per- cent by mass active oxygen.</i>	Forbidden					.....	.....	.....	.....	.....		.....
	2-Methyl-5-ethylpyridine	6.1	UN2300	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Methyl fluoride, or Refrigerant gas R 41.	2.1	UN2454	.....	2.1		306	304	314, 315.	ForbIDDEN	150 kg	E	40
	Methyl formate	3	UN1243	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
	2-Methyl-2-heptanethiol	6.1	UN3023	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	D	40, 102
	Methyl iodide	6.1	UN2644	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	A	12, 40
	Methyl isobutyl carbinol	3	UN2053	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Methyl isobutyl ketone	3	UN1245	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Methyl isobutyl ketone peroxide, in solution with more than 9 per- cent by mass active oxy- gen.</i>	Forbidden					.....	.....	.....	.....	.....		.....
	Methyl isocyanate	6.1	UN2480	I	6.1, 3	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	ForbIDDEN	ForbIDDEN	D	26, 40

	Methyl isopropenyl ketone, stabilized.	3	UN1246	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyl isothiocyanate	6.1	UN2477	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	A	.....
	Methyl isovalerate	3	UN2400	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyl magnesium bromide, in ethyl ether.	4.3	UN1928	I	4.3, 3		None	201	243	Forbidden	1 L	D	.....
	Methyl mercaptan	2.3	UN1064	.....	2.3, 2.1.	3, B7, B9, B14, T50	None	304	314, 315.	Forbidden	25 kg	D	40
	<i>Methyl mercaptopropionaldehyde, see Thia-4-pentanal.</i>	.....	.....		.....		.....	.....	.....	.....	.....	.....	.....
	Methyl methacrylate monomer, stabilized.	3	UN1247	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	<i>Methyl nitramine (dry)</i>	Forbidden	.....		.....		.....	.....	.....	.....	.....	.....	.....
	<i>Methyl nitrate</i>	Forbidden	.....		.....		.....	.....	.....	.....	.....	.....	.....
	<i>Methyl nitrite</i>	Forbidden	.....		.....		.....	.....	.....	.....	.....	.....	.....
	<i>Methyl norbornene dicarboxylic anhydride, see Corrosive liquids, n.o.s..</i>	.....	.....		.....		.....	.....	.....	.....	.....	.....	.....
	Methyl orthosilicate	6.1	UN2606	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	E	40
D	Methyl phosphonic dichloride	6.1	NA9206	I	6.1, 8	2, A3, B9, B14, B32, B74, N34, N43, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	C	.....
D	<i>Methyl phosphonothioic dichloride, anhydrous, see Corrosive liquid, n.o.s..</i>	.....	.....		.....		.....	.....	.....	.....	.....	.....	.....
D	<i>Methyl phosphorous dichloride, pyrophoric liquid.</i>	6.1	NA2845	I	6.1, 4.2.	2, B9, B14, B16, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	18
	<i>Methyl picric acid (heavy metal salts of).</i>	Forbidden	.....		.....		.....	.....	.....	.....	.....	.....	.....
	Methyl propionate	3	UN1248	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyl propyl ether	3	UN2612	II	3	IB2, IP8, T7, TP2	150	202	242	5 L	60 L	E	40
	Methyl propyl ketone	3	UN1249	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Methyl sulfate, see Dimethyl sulfate.</i>	.....	.....		.....		.....	.....	.....	.....	.....	.....	.....
	<i>Methyl sulfide, see Dimethyl sulfide.</i>	.....	.....		.....		.....	.....	.....	.....	.....	.....	.....
	Methyl trichloroacetate	6.1	UN2533	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Methyl trimethylol methane trinitrate. Methyl vinyl ketone, stabilized ...	Forbidden 6.1	UN1251	I 6.1, 3, 8.	.....	1, 25, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	B	40
	Methylamine, anhydrous	3 2.1	UN1234 UN1061	II 3 2.1 ....	.....	IB2, IP8, T7, TP2 T50	None 306	202 304	242 314, 315.	5 L Forbiden	60 L 150 kg	E B	40
	Methylamine, aqueous solution Methylamine dinitramine and dry salts thereof.	3 Forbidden	UN1235	II 3, 8 ...	.....	B1, IB2, T7, TP1	150	202	243	1 L	5 L	E	41
	Methylamine nitroform	Forbidden		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Methylamine perchlorate (dry) ...	Forbidden		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Methylamyl acetate	3	UN1233	III 3 ....	.....	B1, IB3, T2, TP1 IB3, T4, TP1	150 153	203 203	242 241	60 L 60 L	220 L 220 L	A A	.....
	N-Methylaniline	6.1	UN2294	III 6.1	.....	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	alpha-Methylbenzyl alcohol	6.1	UN2937	III 6.1	.....	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	3-Methylbutan-2-one	3	UN2397	II 3	.....	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	N-Methylbutylamine	3	UN2945	II 3, 8 ...	.....	IB2, T7, TP1	None	202	243	1 L	5 L	B B	40
	Methylchlorosilane	2.3	UN2534	..... 2.3, 2.1, 8.	.....	2, A2, A3, A7, B9, B14, N34	None	226	314, 315.	Forbiden	Forbiden	D	17, 40
	Methylcyclohexane	3	UN2296	II 3	.....	B1, IB2, T4, TP1 B1, IB3, T2, TP1	150 150	202 203	242 242	5 L 60 L	60 L 220 L	B A	.....
	Methylcyclohexanol _s , flammable	3	UN2617	III 3	.....	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Methylcyclohexanone	3	UN2297	III 3	.....	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Methylcyclopentane	3	UN2298	II 3	.....	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyldichloroarsine	6.1	NA1556	I 6.1	.....	2, T20, TP4, TP12, TP13, TP38, TP45	None	192	None	Forbiden	Forbiden	D	40
	Methyldichlorosilane	4.3	UN1242	I 4.3, 8, 3.	.....	A2, A3, A7, B6, B77, N34, T10, TP2, TP7, TP13	None	201	243	Forbiden	1 L	D	21, 28, 40, 49, 100
	Methylene chloride, see Dichloromethane.				.....	.....	.....	.....	.....	.....	.....	.....	.....
	Methylene glycol dinitrate	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	2-Methylfuran	3	UN2301	II 3	.....	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	a-Methylglucoside tetranitrate	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	a-Methylglycerol trinitrate	Forbidden		
	5-Methylhexan-2-one	3	UN2302	III 3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A

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	Methylhydrazine	6.1	UN1244	I	6.1, 3, 8.	1, B7, B9, B14, B30, B72, B77, N34, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	21, 40, 49, 100
	4-Methylmorpholine or n-methylmorpholine.	3	UN2535	II	3, 8	B6, IB2, T7, TP1	None	202	243	1 L	5 L	B	40
	Methylpentadienes	3	UN2461	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	2-Methylpentan-2-ol	3	UN2560	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Methylpentanes, see Hexanes</i>												
	Methylphenyldichlorosilane	8	UN2437	II	8	IB2, T7, TP2, TP13	154	202	242	1 L	30 L	C	40
	1-Methylpiperidine	3	UN2399	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
	Methyltetrahydrofuran	3	UN2536	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyltrichlorosilane	3	UN1250	I	3, 8	A7, B6, B77, N34, T11, TP2, TP13	None	201	243	Forbidden	2.5 L	B	40
	alpha-Methylvaleraldehyde	3	UN2367	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Mine rescue equipment containing carbon dioxide, see Carbon dioxide.</i>												
	Mines with bursting charge	1.1F	UN0136	II	1.1F ..		.....	62	None	Forbidden	Forbidden	08	.....
	Mines with bursting charge	1.1D	UN0137	II	1.1D ..		.....	62	None	Forbidden	Forbidden	03	.....
	Mines with bursting charge	1.2D	UN0138	II	1.2D ..		.....	62	None	Forbidden	Forbidden	03	.....
	Mines with bursting charge	1.2F	UN0294	II	1.2F ..		.....	62	None	Forbidden	Forbidden	08	.....
	<i>Mixed acid, see Nitrating acid, mixtures etc.</i>												
	<i>Mobility aids, see Battery powered equipment or Battery powered vehicle'.</i>												
D	Model rocket motor	1.4C	NA0276	II	1.4C ..	51	None	62	None	Forbidden	75 kg	06	.....
D	Model rocket motor	1.4S	NA0323	II	1.4S ..	51	None	62	None	25 kg	100 kg	05	.....
	Molybdenum pentachloride	8	UN2508	III	8	IB8, IP3, T4, TP1	154	213	240	25 kg	100 kg	C	40
	<i>Monochloroacetone (unstabilized).</i>												
	<i>Monochloroethylene, see Vinyl chloride, stabilized.</i>												
	<i>Monooethanolamine, see Ethanolamine, solutions.</i>												
	<i>Monooethylamine, see Ethylamine.</i>												
	Morpholine	8	UN2054	I	8, 3	T10, TP2	None	201	243 .....	.5 L	2.5 L	C	25, 40
	<i>Morpholine, aqueous mixture, see Corrosive liquids, n.o.s..</i>												
	Motor fuel anti-knock compounds <i>see Motor fuel anti-knock mixtures.</i>												
+	Motor fuel anti-knock mixtures ...	6.1	UN1649	I	6.1, 3	14, B9, B90, T14, TP2, TP13	None	201	244	Forbidden	30 L	D	25, 40
	<i>Motor spirit, see Gasoline</i>												

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							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)	
	<i>Muriatic acid, see Hydrochloric acid.</i>													
	<i>Musk xylene, see 5-tert-Butyl-2,4,6-trinitro-m-xylene.</i>													
	<i>Naphtha</i> see Petroleum dis-tillates n.o.s..													
	Naphthalene, crude or Naph-thalene, refined.	4.1	UN1334	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
	<i>Naphthalene diazonide</i>	Forbidden												
	beta-Naphthylamine	6.1	UN1650	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	alpha-Naphthylamine	6.1	UN2077	III	6.1	IB8, IP3, T3, TP1	153	213	240	100 kg	200 kg	A	.....
	Naphthalene, molten	4.1	UN2304	III	4.1	A1, IB1, T1, TP3	151	213	241	Forbidden	Forbidden	C	.....
	<i>Naphthylamineperchlorate</i>	Forbidden												
	Naphthylthiourea	6.1	UN1651	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Naphthylurea	6.1	UN1652	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	<i>Natural gases (with high meth-ane content), see Methane, etc. (UN 1971, UN 1972).</i>													
	<i>Neohexane, see Hexanes</i>													
	Neon, compressed	2.2	UN1065		2.2					75 kg	150 kg	A	.....
	Neon, refrigerated liquid (<i>cryo- genic liquid</i>)	2.2	UN1913		2.2	T75, TP5	306	302	302	50 kg	500 kg	B	.....
	<i>New explosive or explosive de- vice, see §§ 173.51 and 173.56.</i>													
	Nickel carbonyl	6.1	UN1259	I	6.1, 3		1	None	198	None	Forbidden	Forbidden	D	18, 40
	Nickel cyanide	6.1	UN1653	II	6.1	IB8, IP2, IP4, N74, N75	None	212	242	25 kg	100 kg	A	26	
	Nickel nitrate	5.1	UN2725	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Nickel nitrite	5.1	UN2726	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	56, 58	
	<i>Nickel picrate</i>	Forbidden												
	Nicotine	6.1	UN1654	II	6.1		IB2	None	202	243	5 L	60 L	A
	Nicotine compounds, liquid, n.o.s. or Nicotine prepara-tions, liquid, n.o.s..	6.1	UN3144	I	6.1		A4	None	201	243	1 L	30 L	B	40
				II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	B	40	

			III	6.1	IB3, T7, TP1, TP28 IB7, IP1	153	203	241	60 L	220 L	B	40	
	Nicotine compounds, solid, n.o.s. or Nicotine preparations, solid, n.o.s..	6.1	UN1655	I	6.1		None	211	242	5 kg	50 kg	B	.....
			II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
			III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Nicotine hydrochloride or Nicotine hydrochloride solution.	6.1	UN1656	II	6.1	IB2, IP2, IP4	None	202	243	5 L	60 L	A	.....
	Nicotine salicylate	6.1	UN1657	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Nicotine sulfate, solid	6.1	UN1658	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Nicotine sulfate, solution	6.1	UN1658	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Nicotine tartrate	6.1	UN1659	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Nitrated paper (unstable)	Forbidden											.....
	Nitrates, inorganic, aqueous solution, n.o.s..	5.1	UN3218	II	5.1	58, IB2, T4, TP1	152	202	242	1 L	5 L	B	46
			III	5.1	58, IB2, T4, TP1	152	203	241	2.5 L	30 L	B	46	
	Nitrates, inorganic, n.o.s.	5.1	UN1477	II	5.1	IB8, IP2, IP4	152	212	240	5 kg	25 kg	A	46
			III	5.1	IB8, IP3	152	213	240	25 kg	100 kg	A	46	
	Nitrates of diazonium compounds.	Forbidden											.....
	Nitrating acid mixtures, spent with more than 50 percent nitric acid.	8	UN1826	I	8, 5.1	T10, TP2, TP12, TP13	None	158	243	Forbidden	2.5 L	D	40, 66
	Nitrating acid mixtures spent with not more than 50 percent nitric acid.	8	UN1826	II	8	B2, IB2, T8, TP2, TP12	None	158	242	Forbidden	30 L	D	40
	Nitrating acid mixtures with more than 50 percent nitric acid.	8	UN1796	I	8, 5.1	T10, TP2, TP12, TP13	None	158	243	Forbidden	2.5 L	D	40, 66
	Nitrating acid mixtures with not more than 50 percent nitric acid.	8	UN1796	II	8	B2, IB2, T8, TP2, TP12, TP13	None	158	242	Forbidden	30 L	D	40
	Nitric acid other than red fuming, with more than 70 percent nitric acid.	8	UN2031	I	8, 5.1	B47, B53, T10, TP2, TP12, TP13	None	158	243	Forbidden	2.5 L	D	44, 66, 89, 90, 110, 111
	Nitric acid other than red fuming, with not more than 70 percent nitric acid.	8	UN2031	II	8	B2, B47, B53, IB2, T8, TP2, TP12	None	158	242	Forbidden	30 L	D	44, 66, 89, 90, 110, 111
+	Nitric acid, red fuming	8	UN2032	I	8, 5.1, 6.1.	2, B9, B32, B74, T20, TP2, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40, 66, 74, 89, 90
	Nitric oxide, compressed	2.3	UN1660	.....	2.3, 5.1, 8.	1, B37, B46, B50, B60, B77	None	337	None	Forbidden	Forbidden	D	40, 89, 90
	Nitric oxide and dinitrogen tetroxide mixtures or Nitric oxide and nitrogen dioxide mixtures.	2.3	UN1975	2.3, 5.1, 8.	1, B7, B9, B14, B45, B46, B61, B66, B67, B77	None	337	None	Forbidden	Forbidden	D	40, 89, 90

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							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
G	Nitriles, flammable, toxic, n.o.s.	3	UN3273	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	E	40, 52
	.....			II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40, 52
G	Nitriles, toxic, flammable, n.o.s.	6.1	UN3275	I	6.1, 3	5, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....			II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
G	Nitriles, toxic, n.o.s.	6.1	UN3276	I	6.1	5, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	.....
	.....			II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	.....
.....	.....	.....	.....	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	.....
	.....			II	5.1	IB1, T4, TP1	152	202	242	1 L	5 L	B	46, 56, 58
.....	Nitrites, inorganic, aqueous solu-tion, n.o.s..	5.1	UN3219	II	5.1	IB2, T4, TP1	152	203	241	2.5 L	30 L	B	46, 56, 58
	.....			III	5.1	33, IB8, IP4	152	212	None	5 kg	25 kg	A	46, 56, 58
.....	Nitrites, inorganic, n.o.s.	5.1	UN2627	II	5.1	33, IB8, IP4	152	212	None	5 kg	25 kg	A	46, 56, 58
	.....			II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
.....	3-Nitro-4-chlorobenzotrifluoride ..	6.1	UN2307	ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....
	6-Nitro-4-diazotoluene-3-sulfonic acid (dry).			.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	Nitro isobutane triol trinitrate ..	ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	N-Nitro-N-methylglycolamide ni-trate.			.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2-Nitro-2-methylpropanol nitrate	ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nitro urea			1.1D	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	N-Nitroaniline	ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

+	Nitroanilines (o-; m-; p-)	6.1	UN1661	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	.....			II	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
+	Nitroanisole	6.1	UN2730	III	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
	.....			II	6.1	IB2, T7, TP2	.....	.....	.....	.....	.....	.....	.....
+	Nitrobenzene	6.1	UN1662	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	m-Nitrobenzene diazonium per-chlorate.			ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	Nitrobenzenesulfonic acid	8	UN2305	II	8	IB2	154	202	242	1 L	30 L	A	.....
	Nitrobenzol, see Nitrobenzene			II	1.1D ..	.....	.....	.....	.....	.....	.....	.....	.....
.....	5-Nitrobenzotriazol	1.1D	UN0385	II	1.1D ..	.....	None	62	None	ForbIDDEN	ForbIDDEN	10	.....
	Nitrobenzotri fluorides			6.1	UN2306	IB2, T7, TP2	None	202	243	5 L	60 L	A	40

Nitrobromobenzenes liquid	6.1	UN2732	III	6.1	IB3, T4, TP1	153	203	241	60 L 100 kg Forbidden	220 L 200 kg Forbidden	A A 13	..... ..... 27E
Nitrobromobenzenes solid	6.1	UN2732	III	6.1	IB8, IP3, T4, TP1	153	213	240 .....	.....	.....	.....	.....
Nitrocellulose, dry or wetted with less than 25 percent water (or alcohol), by mass.	1.1D	UN0340	II	1.1D ..	.....	None	62	None ....	.....	.....	.....	.....
Nitrocellulose membrane filters, with not more than 12.6% nitrogen, by dry mass.	4.1	UN3270	II	4.1	43, A1	151	212	240	1 kg	15 kg	D	.....
Nitrocellulose, plasticized with not less than 18 percent plasticizing substance, by mass.	1.3C	UN0343	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	10	.....
Nitrocellulose, solution, flammable with not more than 12.6 percent nitrogen, by mass, and not more than 55 percent nitrocellulose.	3	UN2059	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
Nitrocellulose, unmodified or plasticized with less than 18 percent plasticizing substance, by mass.	1.1D	UN0341	III	3	B1, IB3, T2, TP1	150	203	242	60 L Forbidden	220 L Forbidden	A 13	..... 27E
II	1.1D ..	.....	.....	.....	.....	None	62	None ....	.....	.....	.....	.....
Nitrocellulose, wetted with not less than 25 percent alcohol, by mass.	1.3C	UN0342	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	10	.....
Nitrocellulose with alcohol with not less than 25 percent alcohol by mass, and with not more than 12.6 percent nitrogen, by dry mass.	4.1	UN2556	II	4.1 .....	.....	151	212	None	1 kg	15 kg	D	28
Nitrocellulose, with not more than 12.6 percent nitrogen, by dry mass, or Nitrocellulose mixture with pigment or Nitrocellulose mixture with plasticizer or Nitrocellulose mixture with pigment and plasticizer.	4.1	UN2557	II	4.1	44	151	212	None	1 kg	15 kg	D	28
Nitrocellulose with water with not less than 25 percent water, by mass.	4.1	UN2555	II	4.1 .....	.....	151	212	None	15 kg	50 kg	E	28
Nitrochlorobenzene, see Chloronitrobenzenes etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrocresols	6.1	UN2446	III	6.1	IB8, IP3	153	213	240	100 kg 60 L	200 kg 220 L	A A	.....
Nitroethane	3	UN2842	III	3	B1, IB3, T2, TP1	150	203	242 .....	.....	.....	.....	.....
Nitroethyl nitrate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitroethylene polymer	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrogen, compressed	2.2	UN1066	2.2	306	302	314, 315.	75 kg	150 kg	A
Nitrogen dioxide, see Dinitrogen tetroxide.

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age		
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)	
	<i>Nitrogen fertilizer solution, see Fertilizer ammoniating solution etc.</i>													
	<i>Nitrogen, mixtures with rare gases, see Rare gases and nitrogen mixtures.</i>													
	<i>Nitrogen peroxide, see Dinitrogen tetroxide.</i>													
	<i>Nitrogen, refrigerated liquid cryogenic liquid.</i>	2.2	UN1977		2.2	T75, TP5	320	316	318	50 kg	500 kg	D		
	<i>Nitrogen tetroxide and nitric oxide mixtures, see Nitric oxide and nitrogen tetroxide mixtures.</i>													
	<i>Nitrogen tetroxide, see Dinitrogen tetroxide.</i>													
	<i>Nitrogen trichloride</i>	Forbidden	UN2451		2.2,									
	<i>Nitrogen trifluoride, compressed</i>	2.2			5.1.		None	302	None	75 kg	150 kg	D	40	
	<i>Nitrogen triiodide</i>	Forbidden												
	<i>Nitrogen triiodide monoamine</i>	Forbidden												
	<i>Nitrogen trioxide</i>	2.3	UN2421		2.3,		1	None	336	245	Forbidden	Forbidden	D	40, 89, 90
	<i>Nitroglycerin, desensitized with not less than 40 percent non-volatile water insoluble phlegmatizer, by mass.</i>	1.1D	UN0143	II	1.1D, 6.1.		125	None	62	None	Forbidden	Forbidden	13	21E
	<i>Nitroglycerin, liquid, not desensitized.</i>	Forbidden												
	<i>Nitroglycerin mixture, desensitized, liquid, flammable, n.o.s. with not more than 30 percent nitroglycerin, by mass.</i>	3	UN3343		3		129	None	214	None	Forbidden	Forbidden	D	
	<i>Nitroglycerin mixture, desensitized, liquid, n.o.s. with not more than 30% nitroglycerin, by mass.</i>	3	UN3357	II	3		142	None	202	243	5 L	60 L	E	

Nitroglycerin mixture, desensitized, solid, n.o.s. with more than 2 percent but not more than 10 percent nitroglycerin, by mass.	4.1	UN3319	II	4.1	118	None	None	None	Forbidden	0.5 kg	E	.....
Nitroglycerin, solution in alcohol, with more than 1 percent but not more than 5 percent nitroglycerin.	3	UN3064	II	3	N8	None	202	None	Forbidden	5 L	E	.....
Nitroglycerin, solution in alcohol, with more than 1 percent but not more than 10 percent nitroglycerin.	1.1D	UN0144	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	21E
Nitroglycerin solution in alcohol with not more than 1 percent nitroglycerin.	3	UN1204	II	3	IB2, N34	None	202	None	5 L	60 L	B	.....
Nitroguanidine nitrate	Forbidden					.....	.....	.....	.....	.....	.....	.....
Nitroguanidine or Picrite, dry or wetted with less than 20 percent water, by mass.	1.1D	UN0282	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Nitroguanidine, wetted or Picrite, wetted with not less than 20 percent water, by mass.	4.1	UN1336	I	4.1	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	E	28
1-Nitrohydantoin	Forbidden					.....	.....	.....	.....	.....	.....	.....
Nitrohydrochloric acid	8	UN1798	I	8	A3, B10, N41, T10, TP2, TP12, TP13	None	201	243	Forbidden	2.5 L	D	40, 66, 74, 89, 90
Nitromannite (dry)	Forbidden					.....	.....	.....	.....	.....	.....	.....
Nitromannite, wetted, see Mannitol hexanitrate, etc.	.....					.....	.....	.....	.....	.....	.....	.....
Nitromethane	3	UN1261	II	3		150	202	None	Forbidden	Forbidden	A	.....
Nitromuriatic acid, see Nitrohydrochloric acid.	.....					.....	.....	.....	.....	.....	.....	.....
Nitronaphthalene	4.1	UN2538	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
Nitroporphyrins (o-; m-; p-)	6.1	UN1663	III	6.1	IB8, IP3, T4, TP3	153	213	240	100 kg	200 kg	A	.....
m-Nitrophenyldinitro methane	Forbidden					.....	.....	.....	.....	.....	.....	.....
Nitropropanes	3	UN2608	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
p-Nitrosodimethylaniline	4.2	UN1369	II	4.2	A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	D	34
Nitrostarch, dry or wetted with less than 20 percent water, by mass.	1.1D	UN0146	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Nitrostarch, wetted with not less than 20 percent water, by mass.	4.1	UN1337	I	4.1	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	D	28
Nitrosugars (dry)	Forbidden					.....	.....	.....	.....	.....	.....	.....
Nitrosyl chloride	2.3	UN1069	2.3, 8	3, B14	None	304	314, 315	Forbidden	Forbidden	D	40

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	Nitrosylsulfuric acid	8	UN2308	II	8	A3, A6, A7, B2, IB2, N34, T8, TP2, TP12	154	202	242	1 L	30 L	D	40, 66, 74, 89, 90
	Nitrotoluenes, <i>liquid o-</i> ; <i>m-</i> ; <i>p-</i> ; ..	6.1	UN1664	II	6.1	IB2, IP2, IP4, T7, TP2	None	202	243	5 L	60 L	A	.....
	Nitrotoluenes, <i>solid m-</i> , or <i>p-</i>	6.1	UN1664	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	Nitrotoluidines (mono)	6.1	UN2660	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Nitrotriazolone or NTO	1.1D	UN0490	II	1.1D ..		None	62	None	ForbIDDEN	ForbIDDEN	10	.....
	<i>Nitrous oxide and carbon dioxide mixtures, see Carbon dioxide and nitrous oxide mixtures.</i>												.....
	Nitrous oxide	2.2	UN1070	.....	2.2, 5.1.		306	304	314, 315.	75 kg	150 kg	A	40
	Nitrous oxide, refrigerated liquid	2.2	UN2201	.....	2.2, 5.1.	B6, T75, TP5, TP22	None	304	314, 315.	ForbIDDEN	ForbIDDEN	B	40
	Nitroxlenes, (<i>o</i> ; <i>m</i> ; <i>p</i>)	6.1	UN1665	II	6.1	IB2, IP2, IP4, T7, TP2	None	202	243	5 L	60 L	A	.....
	<i>Nitroxyol, see Nitroxlenes</i> .....												.....
	Nonanes	3	UN1920	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Non-flammable gas, n.o.s., see Compressed gas, etc. or Liquefied gas, etc.</i>												.....
	<i>Nonliquefied gases, see Compressed gases, etc.</i>												.....
	<i>Nonliquefied hydrocarbon gas, see Hydrocarbon gas mixture, compressed, n.o.s..</i>												.....
	Nonytrichlorosilane	8	UN1799	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	ForbIDDEN	30 L	C	40
	<i>Nordhausen acid, see Sulfuric acid, fuming etc.</i>												.....
	2,5-Norbornadiene, stabilized, <i>see Bicyclo 2,2,1 hepta-2,5-diene stabilized.</i>											

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Octadecyltrichlorosilane	8	UN1800	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40	
Octadiene	3	UN2309	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
1,7-Octadine-3,5-dyne-1,8-dimethoxy-9-octadecenoic acid.	Forbidden					.....	.....	.....	.....	.....	.....	.....
Octafluorobut-2-ene or Refrigerant gas R 1318.	2.2	UN2422	.....	2.2		None	304	314, 315.	75 kg	150 kg	A	.....
Octafluorocyclobutane, or Refrigerant gas RC 1318.	2.2	UN1976	.....	2.2	T50	None	304	314, 315.	75 kg	150 kg	A	.....
Octafluoropropane or Refrigerant gas R 218.	2.2	UN2424	.....	2.2	T50	None	304	314, 315.	75 kg	150 kg	A	.....
Octanes	3	UN1262	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Oxygen, etc. see Cyclotetramethylene tetranitramine, etc..	.....					.....	.....	.....	.....	.....	.....	.....
Octolite or Octol, dry or wetted with less than 15 percent water, by mass.	1.1D	UN0266	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Octonal	1.1D	UN0496	.....	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Octyl aldehydes	3	UN1191	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Octyltrichlorosilane	8	UN1801	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40	
Oil gas, compressed	2.3	UN1071	.....	2.3, 2.1.		6	None	304	314, 315.	Forbidden	25 kg	D	40
Oleum, see Sulfuric acid, fuming	.....					.....	.....	.....	.....	.....	.....	.....
Organic peroxide type A, liquid or solid.	.....	Forbidden				.....	.....	.....	.....	.....	.....	.....
G Organic peroxide type B, liquid ..	5.2	UN3101	II	5.2, 1		53	152	225	None	Forbidden	Forbidden	D	12, 40
G Organic peroxide type B, liquid, temperature controlled.	5.2	UN3111	II	5.2, 1		53	None	225	None	Forbidden	Forbidden	D	2, 40
G Organic peroxide type B, solid ..	5.2	UN3102	II	5.2, 1		53	152	225	None	Forbidden	Forbidden	D	12, 40
G Organic peroxide type B, solid, temperature controlled.	5.2	UN3112	II	5.2, 1		53	None	225	None	Forbidden	Forbidden	D	2, 40
G Organic peroxide type C, liquid ..	5.2	UN3103	II	5.2			152	225	None	5 L	10 L	D	12, 40
G Organic peroxide type C, liquid, temperature controlled.	5.2	UN3113	II	5.2			None	225	None	Forbidden	Forbidden	D	2, 40
G Organic peroxide type C, solid ..	5.2	UN3104	II	5.2			152	225	None	5 kg	10 kg	D	12, 40
G Organic peroxide type C, solid, temperature controlled.	5.2	UN3114	II	5.2			None	225	None	Forbidden	Forbidden	D	2, 40
G Organic peroxide type D, liquid ..	5.2	UN3105	II	5.2			152	225	None	5 L	10 L	D	12, 40
G Organic peroxide type D, liquid, temperature controlled.	5.2	UN3115	II	5.2			None	225	None	Forbidden	Forbidden	D	2, 40
G Organic peroxide type D, solid ..	5.2	UN3106	II	5.2			152	225	None	5 kg	10 kg	D	12, 40
G Organic peroxide type D, solid, temperature controlled.	5.2	UN3116	II	5.2			None	225	None	Forbidden	Forbidden	D	2, 40
G Organic peroxide type E, liquid ..	5.2	UN3107	II	5.2			152	225	None	10 L	25 L	D	12, 40

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							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air-craft only	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Organic peroxide type E, liquid, temperature controlled.	5.2	UN3117	II	5.2		None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type E, solid ...	5.2	UN3108	II	5.2		152	225	None	10 kg	25 kg	D	12, 40
G	Organic peroxide type E, solid, temperature controlled.	5.2	UN3118	II	5.2		None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type F, liquid ..	5.2	UN3109	II	5.2	IB52, IP5, T23	152	225	225	10 L	25 L	D	12, 40
G	Organic peroxide type F, liquid, temperature controlled.	5.2	UN3119	II	5.2	IB52, IP5, T23	None	225	225	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type F, solid ...	5.2	UN3110	II	5.2	IB52, T23	152	225	225	10 kg	25 kg	D	12, 40
G	Organic peroxide type F, solid, temperature controlled.	5.2	UN3120	II	5.2	T23	None	225	225	Forbidden	Forbidden	D	2, 40
D	Organic phosphate, mixed with compressed gas or Organic phosphate compound, mixed with compressed gas or Organic phosphorus compound, mixed with compressed gas.	2.3	NA1955	.....	2.3	3	None	334	None	Forbidden	Forbidden	D	40
.....	Organic pigments, self-heating ..	4.2	UN3313	II	4.2	IB8, IP4	None	212	241	15 kg	50 kg	C	.....
.....	.....	.....	.....	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	C	.....
.....	Organoarsenic compound, n.o.s.	6.1	UN3280	I	6.1	5, IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	.....
.....	.....	.....	.....	II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	.....
.....	.....	.....	.....	III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	.....
.....	Organochlorine pesticides liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2762	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
.....	.....	.....	.....	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
.....	Organochlorine pesticides, liq-uid, toxic.	6.1	UN2996	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
.....	.....	.....	.....	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
.....	.....	.....	.....	III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40

G	Organochlorine pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN2995	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Organochlorine pesticides, solid toxic.	6.1	UN2761	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Organometallic compound or Compound solution or Compound dispersion, water-reactive, flammable, n.o.s..	4.3	UN3207	I	4.3, 3	T13, TP2, TP7	None	201	244	Forbidden	1 L	E	40
	.....	.....	.....	II	4.3, 3	IB1, IP2, T7, TP2, TP7	None	202	243	1 L	5 L	E	40
	.....	.....	.....	III	4.3, 3	IB2, IP4, T7, TP2, TP7	None	203	242	5 L	60 L	E	40
	G Organometallic compound, toxic n.o.s..	6.1	UN3282	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	.....
	.....	.....	.....	III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	.....
	Organophosphorus compound, toxic, flammable, n.o.s..	6.1	UN3279	I	6.1, 3	5, T14, TP2, TP13	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	Organophosphorus compound, toxic n.o.s..	6.1	UN3278	I	6.1	5, IB7, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	.....
	.....	.....	.....	II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	B	.....
	.....	.....	.....	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	.....
	Organophosphorus pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2784	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
	.....	.....	.....	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Organophosphorus pesticides, liquid, toxic.	6.1	UN3018	I	6.1	N76, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	II	6.1	IB2, N76, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	III	6.1	IB3, N76, T7, TP2, TP28	153	203	241	60 L	220 L	A	40

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Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102 (7)	(8) Packaging (\$173.***)			(9) Quantity limita- tions		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
	Organophosphorus pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN3017	I	6.1, 3	N76, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....			II	6.1, 3	IB2, N76, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....			III	6.1, 3	B1, IB3, N76, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Organophosphorus pesticides, solid, toxic.	6.1	UN2783	I	6.1	IB7, IP1, N77	None	211	242	5 kg	50 kg	A	40
	.....			II	6.1	IB8, IP2, IP4, N77	None	212	242	25 kg	100 kg	A	40
	.....			III	6.1	IB8, IP3, N77 A3, N33, N34, T14, TP2, TP13, TP27	153	213	240	100 kg	200 kg	A B	40
	.....			I	6.1	A3, IB2, N33, N34, T11, TP2, TP13, TP27	None	201	243	1 L	30 L		
	Organotin compounds, liquid, n.o.s..	6.1	UN2788	II	6.1	IB3, T7, TP2, TP28	None	202	243	5 L	60 L	A	40
	.....			III	6.1	A5, IB7, IP1	153	203	241	60 L	220 L	A	40
	.....			I	6.1	IB8, IP2, IP4 IB8, IP3	None	211	242	5 kg	50 kg	B	40
	Organotin compounds, solid, n.o.s..	6.1	UN3146	II	6.1	T14, TP2, TP13, TP27	153	212	242	25 kg	100 kg	A B	40
	.....			III	6.1	IB3, T7, TP2, TP28	None	213	240	100 kg	200 kg	A B	40
	.....			I	3, 6.1	Forbidden	None	201	243	30 L			
	Organotin pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2787	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	.....			III	6.1	IB2, T11, TP2, TP13, TP27	153	203	241	60 L	220 L	A	40
	.....			I	6.1	IB3, T7, TP2, TP28	None	201	243	1 L	30 L	B	40
	Organotin pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN3019	II	6.1	T14, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....			III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	.....			I	6.1, 3	None	201	243	1 L	30 L	B	40	

				II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
				I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
				II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
				III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
D G	Organotin pesticides, solid, toxic	6.1	UN2786	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	B	40
D G	Osmium tetroxide	6.1	UN2471	I	6.1	A8, IB7, IP1, N33, N34	None	211	242	No limit	No limit	A	.....
D G	Other regulated substances, liquid, n.o.s..	9	NA3082	III	9	IB3, T2, TP1	155	203	241	No limit	No limit	A	.....
D G	Other regulated substances, solid, n.o.s..	9	NA3077	III	9	B54, IB8, IP2	155	213	240	No limit	No limit	A	.....
G	Oxidizing liquid, corrosive, n.o.s.	5.1	UN3098	I	5.1, 8		None	201	244	Forbidden	2.5 L	D	13, 56, 58, 69, 106
				II	5.1, 8	IB1	None	202	243	1 L	5 L	B	34, 56, 58, 69, 106
				III	5.1, 8	IB2	152	203	242	2.5 L	30 L	B	34, 56, 58, 69, 106
G	Oxidizing liquid, n.o.s.	5.1	UN3139	I	5.1	127, A2	None	201	243	Forbidden	2.5 L	D	56, 58, 69, 106
				II	5.1	127, A2, IB2	152	202	242	1 L	5 L	B	56, 58, 69, 106
				III	5.1	127, A2, IB2	152	203	241	2.5 L	30 L	B	56, 58, 69, 106
G	Oxidizing liquid, toxic, n.o.s.	5.1	UN3099	I	5.1, 6.1.		None	201	244	Forbidden	2.5 L	D	56, 58, 69, 106
				II	5.1, 6.1.	IB1	None	202	243	1 L	5 L	B	56, 58, 95, 106
				III	5.1, 6.1.	IB2	152	203	242	2.5 L	30 L	B	56, 58, 95, 106
G	Oxidizing solid, corrosive, n.o.s.	5.1	UN3085	I	5.1, 8		None	211	242	1 kg	15 kg	D	13, 56, 58, 69, 106
				II	5.1, 8	IB6, IP2	None	212	242	5 kg	25 kg	B	13, 34, 56, 58, 69, 106
				III	5.1, 8	IB8, IP3	152	213	240	25 kg	100 kg	B	13, 34, 56, 58, 69, 106
G	Oxidizing solid, flammable, n.o.s..	5.1	UN3137	I	5.1, 4.1.		None	214	214	Forbidden	Forbidden		.....
G	Oxidizing solid, n.o.s.	5.1	UN1479	I	5.1	IB6, IP1	None	211	242	1 kg	15 kg	D	56, 58, 69, 106

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age		
							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air-craft only	Loca-tion	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)	
				II	5.1	IB8, IP2, IP4	152	212	240	5 kg	25 kg	B	56, 58, 69, 106	
				III	5.1	IB8, IP3	152	213	240	25 kg	100 kg	B	56, 58, 69, 106	
G	Oxidizing solid, self-heating, n.o.s..	5.1	UN3100	II	5.1, 4.2.		None	214	214	ForbIDDEN	ForbIDDEN		.....
G	Oxidizing solid, toxic, n.o.s.	5.1	UN3087	I	5.1, 6.1.		None	211	242	1 kg	15 kg	D	56, 58, 69, 106	
				II	5.1, 6.1.	IB6, IP2	None	212	242	5 kg	25 kg	B	56, 58, 69, 95, 106	
				III	5.1, 6.1.	IB8, IP3	152	213	240	25 kg	100 kg	B	56, 58, 69, 95, 106	
G	Oxidizing solid, water-reactive, n.o.s..	5.1	UN3121	.....	5.1, 4.3.		None	214	214	ForbIDDEN	ForbIDDEN		.....
	Oxygen and carbon dioxide mix-tures, see Carbon dioxide and oxygen mixtures.			.....	.....		.....	.....	.....	.....	.....		.....
	Oxygen, compressed	2.2	UN1072	.....	2.2, 5.1.	A52	306	302	314, 315.	75 kg	150 kg	A	.....
	Oxygen difluoride, compressed	2.3	UN2190	.....	2.3, 5.1, 8.	1	None	304	None	ForbIDDEN	ForbIDDEN	D	13, 40, 89, 90
	Oxygen generator, chemical (<i>in- cluding when contained in as- sociated equipment, e.g., pas- senger service units (PSUs), portable breathing equipment (PBE), etc.</i>)..	5.1	UN3356	II	5.1	60, A51	None	212	None	ForbIDDEN	25 kg gross	D	56, 58, 69, 106	
+	Oxygen generator, chemical, spent.	9	NA3356	III	9		61	None	213	None	ForbIDDEN	ForbIDDEN	A
	Oxygen, mixtures with rare gases, see Rare gases and oxygen mixtures.			.....	.....		.....	.....	.....	.....	.....		.....
	Oxygen, refrigerated liquid (<i>cryo- genic liquid</i>).	2.2	UN1073	2.2, 5.1.	T75, TP5, TP22	320	316	318	ForbIDDEN	ForbIDDEN	D	

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<i>Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base.</i>	3	UN1263	I	3	T11, TP1, TP8	150	201	243	1 L	30 L	E
.....	.....	.....	II	3	B52, IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B	.....
.....	.....	.....	III	3	B1, B52, IB3, T2, TP1	150	173	242	60 L	220 L	A	.....
<i>Paint or Paint related material ...</i>	8	UN3066	II	8	B2, IB2, T7, TP2	154	173	242	1 L	30 L	A	.....
.....	.....	.....	III	8	B52, IB3, T4, TP1	154	173	241	5 L	60 L	A	.....
<i>Paint related material including paint thinning, drying, removing, or reducing compound.</i>	3	UN1263	I	3	T11, TP1, TP8	150	201	243	1 L	30 L	E	.....
.....	.....	.....	II	3	B52, IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B	.....
.....	.....	.....	III	3	B1, B52, IB3, T2, TP1	150	173	242	60 L	220 L	A	.....
<i>Paper, unsaturated oil treated incompletely dried (including carbon paper).</i>	4.2	UN1379	III	4.2	IB8, IP3	None	213	241	Forbidden	Forbidden	A	.....
Paraformaldehyde	4.1	UN2213	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
Paraldehyde	3	UN1264	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
<i>Paranitroaniline, solid, see Nitroanilines etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parathion and compressed gas mixture.	2.3	NA1967	.....	2.3	3	None	334	245	Forbidden	Forbidden	E	40
<i>Paris green, solid, see Copper acetoarsenite.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>PCB, see Polychlorinated biphenyls.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pentaborane	4.2	UN1380	I	4.2, 6.1.	1	None	205	245	Forbidden	Forbidden	D	.....
Pentachloroethane	6.1	UN1669	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
Pentachlorophenol	6.1	UN3155	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
<i>Pentaerythrite tetranitrate (dry) ..</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Pentaerythrite tetranitrate mixture, desensitized, solid, n.o.s. with more than 10 percent but not more than 20 percent PETN, by mass.</i>	4.1	UN3344	II	4.1	118	None	214	None	Forbidden	Forbidden	E	40
<i>Pentaerythrite tetranitrate or Pentaerythritol tetranitrate or PETN, with not less than 7 percent wax by mass.</i>	1.1D	UN0411	II	1.1D	None	62	None	Forbidden	Forbidden	10

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Pentaerythrite tетranitrate, wetted or Pentaerythritol tетranitrate, wetted, or PETN, wetted with not less than 25 percent water, by mass, or Pentaerythrite tетranitrate, or Pentaerythritol tетranitrate or PETN, desensitized with not less than 15 percent phlegmatizer by mass.	1.1D	UN0150	II	1.1D ..	121	None	62	None	Forbidden	Forbidden	10	.....
	Pentaerythritol tетranitrate, see Pentaerythrite tетranitrate, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pentafluoroethane or Refrigerant gas R 125.	2.2	UN3220	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Pentamethylheptane	3	UN2286	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Pentane-2,4-dione	3	UN2310	III	3, 6.1	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	.....
	Pentanes	3	UN1265	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
	.....	.....	.....	II	3	IB2, IP8, T4, TP1	150	202	242	5 L	60 L	E	.....
	Pentanitroaniline (dry)	Forbiden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pentanols	3	UN1105	II	3	IB2, T4, TP1, TP29	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, B3, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	1-Pentene (n-amylene)	3	UN1108	I	3 .....	.....	150	201	243	1 L	30 L	E	.....
	1-Pentol	8	UN2705	II	8	T11, TP2	150	202	242	1 L	30 L	B	38
	Pentolite, dry or wetted with less than 15 percent water, by mass.	1.1D	UN0151	II	1.1D ..	B2, IB2, T7, TP2	154	202	None	Forbiden	Forbiden	10	.....
	.....	.....	.....	None	62 .....	.....	.....	.....	.....	.....	.....	.....	.....
	Pepper spray, see Aerosols, etc. or Self-defense spray, non-pressurized.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Perchlorates, inorganic, aqueous solution, n.o.s..	5.1	UN3211	II	5.1	IB2, T4, TP1	152	202	242	1 L	5 L	B	46, 56, 58
	.....	.....	.....	III	5.1	IB2, T4, TP1	152	202	241	2.5 L	30 L	B	56, 58, 69, 106
	Pepper spray, see Aerosols, etc. or Self-defense spray, non-pressurized.	.....	.....	III	5.1 .....	.....	152	203	241	2.5 L	30 L	B	56, 58, 69, 106
	Perchlorates, inorganic, n.o.s. ...	5.1	UN1481	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	46, 56

<i>Perchloric acid, with more than 72 percent acid by mass.</i>	Forbidden		III	5.1	IB8, IP3	152	213	240	25 kg	100 kg	A	46, 56
<i>Perchloric acid with more than 50 percent but not more than 72 percent acid, by mass.</i>	5.1	UN1873	I	5.1, 8	A2, A3, N41, T10, TP1, TP12	None	201	243	Forbidden	2.5 L	D	66
<i>Perchloric acid with not more than 50 percent acid by mass.</i>	8	UN1802	II	8, 5.1	IB2, N41, T7, TP2	None	202	243	Forbidden	30 L	C	66
<i>Perchloroethylene, see Tetrachloroethylene.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Perchloromethyl mercaptan</i>	6.1	UN1670	I	6.1	2, A3, A7, B9, B14, B32, B74, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
<i>Perchloryl fluoride</i>	2.3	UN3083	.....	2.3, 5.1.	2, B9, B14	None	302	314, 315.	Forbidden	Forbidden	D	40
<i>Percussion caps, see Primers, cap type.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Perfluoro-2-butene, see Octafluorobut-2-ene.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Perfluoro(ethyl vinyl ether)</i>	2.1	UN3154	.....	2.1 .....	.....	306	302, 304, 305.	314, 315.	Forbidden	150 kg	E	40
<i>Perfluoro(methyl vinyl ether)</i>	2.1	UN3153	.....	2.1	T50	306	302, 304, 305.	314, 315.	Forbidden	150 kg	E	40
<i>Perfumery products with flammable solvents.</i>	3	UN1266	II	3	IB2, T4, TP1, TP8	150	202	242	15 L	60 L	B	.....
<i>Permanganates, inorganic, aqueous solution, n.o.s..</i>	5.1	UN3214	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L 5 L	A D	56, 58, 69, 106, 107
<i>Permanganates, inorganic, n.o.s..</i>	5.1	UN1482	II	5.1	26, A30, IB6, IP2	152	212	242	5 kg	25 kg	D	56, 58, 69, 106, 107
.....	.....	.....	III	5.1	26, A30, IB8, IP3	152	213	240	25 kg	100 kg	D	56, 58, 69, 106, 107
<i>Peroxides, inorganic, n.o.s.</i>	5.1	UN1483	II	5.1	A7, A20, IB6, IP2, N34	None	212	242	5 kg	25 kg	A	13, 75, 106
.....	.....	.....	III	5.1	A7, A20, IB8, IP3, N34	152	213	240	25 kg	100 kg	A	13, 75, 106
<i>Peroxyacetic acid, with more than 43 percent and with more than 6 percent hydrogen peroxide.</i>	Forbidden	

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Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)						(10A)	(10B)
G	Persulfates, inorganic, aqueous solution, n.o.s.	5.1	UN3216	III	5.1	IB2, T4, TP1, TP29	152	203	241	2.5 L	30 L	A	.....
	Persulfates, inorganic, n.o.s.	5.1	UN3215	III	5.1	IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN3021	I	3, 6.1	B5, T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	.....
G	Pesticides, liquid, toxic, flammable, n.o.s. <i>flash point not less than 23 degrees C.</i>	6.1	UN2903	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	.....
	.....	.....	.....	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
G	Pesticides, liquid, toxic, n.o.s.	6.1	UN2902	III	6.1, 3	B1, IB3, T7, TP2	153	203	242	60 L	220 L	A	40
	.....	.....	.....	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
G	Pesticides, solid, toxic, n.o.s.	6.1	UN2588	I	6.1	IB7	None	211	242	5 kg	50 kg	A	40
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
220	PETN, <i>see Pentaerythrite tetranitrate.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	PETN/TNT, <i>see Pentolite, etc.</i> ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Petrol, <i>see Gasoline</i> ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G	Petroleum crude oil	3	UN1267	I	3	T11, TP1, TP8	None	201	243	1 L	30 L	E	.....
	.....	.....	.....	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
G	Petroleum distillates, n.o.s. or Petroleum products, n.o.s..	3	UN1268	I	3	T11, TP1, TP8	150	201	243	1 L	30 L	E	.....
	.....	.....	.....	II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
G	Petroleum gases, liquefied or Liquefied petroleum gas.	2.1	UN1075	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	E	40

D	Petroleum oil	3	NA1270	I II III	3 3 3	T11, TP1, TP9 IB2, T7, TP1, TP8, TP28 B1, IB3, T4, TP1, TP29	None 150 150	201 202 203	243 242 242	1 L 5 L 60 L	30 L 60 L	E B	.....
+ Phenacyl bromide	6.1	UN2645		II	6.1	IB8, IP2, IP4 IB3, T4, TP1	None 153	212 203	242 241	25 kg 60 L	100 kg 220 L	B A	40
+ Pheneticidines	6.1	UN2311		III	6.1	B14, T7, TP3	None	202	243	Forbidden	Forbidden	B	.....
Phenol, molten	6.1	UN2312		II	6.1	IB8, IP2, IP4, N78, T6, TP2	None	212	242	25 kg	100 kg	A	40
+ Phenol, solid	6.1	UN1671		II	6.1	IB2, T7, TP2	None 153	202 203	243 241	5 L 60 L	60 L 220 L	A	.....
Phenol solutions	6.1	UN2821		II	6.1	IB3, T4, TP1	None 154	202	242	1 L	30 L 30 L	C	14
Phenolsulfonic acid, liquid	8	UN1803		III II	6.1	B2, IB2, N41, T7, TP2	.....	.....	.....	.....	.....	.....	.....
Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic flash point less than 23 degrees C..	3	UN3346		I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
Phenoxyacetic acid derivative pesticide, liquid, toxic.	6.1	UN3348		II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
Phenoxyacetic acid derivative pesticide, liquid, toxic.	6.1	UN3347		I	6.1	T14, TP2, TP13, TP27	None 153	201 202	243 243	1 L 5 L	30 L 60 L	B	40
Phenoxyacetic acid derivative pesticide, liquid, toxic, flammable, flash point not less than 23 degrees C..	6.1	UN3345		II	6.1, 3	IB2, T11, TP2, TP13, TP27	None 153	201 202	243 243	1 L 5 L	30 L 60 L	B	40
Phenoxyacetic acid derivative pesticide, solid, toxic.	6.1	UN2746		III	6.1, 3	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
Phenyl chloroformate	6.1	UN2487		I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
Phenyl isocyanate	6.1	UN2337		II	6.1	IB8, IP2, IP4 IB8, IP3	153 153	212 213	242 240	25 kg 100 kg 100 kg	100 kg 200 kg 30 L	A A A	40 40 12, 13, 21, 25, 40, 100
Phenyl mercaptan	6.1		I	6.1, 3	2, B9, B14, B32, B74, B77, N33, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air-craft only	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(9A)	(9B)	(10A)	(10B)			
	Phenyl phosphorus dichloride	8	UN2798	II	8	B2, B15, IB2, T7, TP2	154	202	242	Forbidden	30 L	B	40
	Phenyl phosphorus thiodichloride.	8	UN2799	II	8	B2, B15, IB2, T7, TP2	154	202	242	Forbidden	30 L	B	40
	Phenyl urea pesticides, liquid, toxic.	6.1	UN3002	I	6.1	T14, TP2, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1	T7, TP2	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1	T4, TP1	153	203	241	60 L	220 L	A	40
	Phenylacetonitrile, liquid	6.1	UN2470	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	26
	Phenylacetyl chloride	8	UN2577	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C	40
	Phenylcarbylamine chloride	6.1	UN1672	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
222	<i>m</i> -Phenylenediaminedipерchlorate (dry).	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Phenylenediamines (<i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	UN1673	III	6.1	IB8, IP3, T7, TP1	153	213	240	100 kg	200 kg	A	.....
	Phenylhydrazine	6.1	UN2572	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
	Phenylmercuric acetate	6.1	UN1674	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Phenylmercuric compounds, n.o.s..	6.1	UN2026	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Phenylmercuric hydroxide	6.1	UN1894	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Phenylmercuric nitrate	6.1	UN1895	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Phenyltrichlorosilane	8	UN1804	II	8	A7, B6, IB2, N34, T7, TP2	None	202	242	Forbidden	30 L	C	40
	Phosgene	2.3	UN1076	.....	2.3, 8	1, B7, B46	None	192	314	Forbidden	Forbidden	D	40
	9-Phosphabicyclonananes or Cyclooctadiene phosphines.	4.2	UN2940	II	4.2	A19, IB6, IP2	None	212	241	15 kg	50 kg	A	.....
	Phosphine	2.3	UN2199	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
	Phosphoric acid	8	UN1805	III	8	A7, IB3, IP3, N34, T4, TP1	154	203	241	5 L	60 L	A	.....
	<i>Phosphoric acid triethyleneimine, see Tris-(1-aziridyl)phosphine oxide, solution.</i>

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223	Phosphoric anhydride, see Phosphorus pentoxide.														
	Phosphorous acid	8	UN2834	III	8	IB8, IP3, T3, TP1	154	213	240	25 kg	100 kg	A	48			
	Phosphorus, amorphous	4.1	UN1338	III	4.1	A1, A19, B1, B9, B26, IB8, IP3	None	213	243	25 kg	100 kg	A	74			
	Phosphorus bromide, see Phosphorus tribromide.	.....													
	Phosphorus chloride, see Phosphorus trichloride.	.....													
	Phosphorus heptasulfide, free from yellow or white phosphorus.	4.1	UN1339	II	4.1	A20, IB4, N34	None	212	240	15 kg	50 kg	B	74			
	Phosphorus oxybromide	8	UN1939	II	8	B8, IB8, IP2, IP4, N41, N43, T7, TP2	None	212	240	ForbIDDEN	50 kg	C	12, 40			
	Phosphorus oxybromide, molten	8	UN2576	II	8	B2, B8, IB1, N41, N43, T7, TP3, TP13	None	202	242	ForbIDDEN	ForbIDDEN	C	40			
	+ Phosphorus oxychloride	8	UN1810	II	8, 6.1	2, A7, B9, B14, B32, B74, B77, N34, T20, TP2, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	C	40			
	Phosphorus pentabromide	8	UN2691	II	8	A7, IB8, IP2, IP4, N34	154	212	240	ForbIDDEN	50 kg	B	12, 40			
	Phosphorus pentachloride	8	UN1806	II	8	A7, IB8, IP2, IP4, N34	None	212	240	ForbIDDEN	50 kg	C	40			
	Phosphorus pentafluoride, compressed.	2.3	UN2198	.....	2.3, 8	2, B9, B14	None	302, 304,	314, 315.	ForbIDDEN	ForbIDDEN	D	40			
	Phosphorus pentasulfide, free from yellow or white phosphorus.	4.3	UN1340	II	4.3, 4.1.	A20, B59, IB4	151	212	242	15 kg	50 kg	B	74			
	Phosphorus pentoxide	8	UN1807	II	8	A7, IB8, IP2, IP4, N34	154	212	240	15 kg	50 kg	A	.....		
	Phosphorus sesquisulfide, free from yellow or white phosphorus.	4.1	UN1341	II	4.1	A20, IB4, N34	None	212	240	15 kg	50 kg	B	74			
	Phosphorus tribromide	8	UN1808	II	8	A3, A6, A7, B2, B25, IB2, N34, N43, T7, TP2	None	202	242	ForbIDDEN	30 L	C	40			
	Phosphorus trichloride	6.1	UN1809	I	6.1, 8	2, B9, B14, B15, B32, B74, B77, N34, T20, TP2, TP13, TP38, TP45	None	227	244	ForbIDDEN	ForbIDDEN	C	40			
	Phosphorus trioxide	8	UN2578	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	12			
	Phosphorus trisulfide, free from yellow or white phosphorus.	4.1	UN1343	II	4.1	A20, IB4, N34	None	212	240	15 kg	50 kg	B	74			

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	Phosphorus, white dry or Phosphorus, white, under water or Phosphorus white, in solution or Phosphorus, yellow dry or Phosphorus, yellow, under water or Phosphorus, yellow, in solution.	4.2	UN1381	I	4.2, 6.1.	B9, B26, N34, T9, TP3	None	188	243	Forbidden	Forbidden	E	.....
	Phosphorus white, molten	4.2	UN2447	I	4.2, 6.1.	B9, B26, N34, T21, TP3, TP7, TP26	None	188	243	Forbidden	Forbidden	D	.....
	<i>Phosphorus (white or red) and a chlorate, mixtures of.</i>	Forbidden					.....	.....	.....	.....	.....		.....
	<i>Phosphoryl chloride, see Phosphorus oxychloride.</i>						.....	.....	.....	.....	.....		.....
	Phthalic anhydride with more than .05 percent maleic anhydride.	8	UN2214	III	8	IB8, IP3, T4, TP3	154	213	240	25 kg	100 kg	A	.....
	Picolines	3	UN2313	III	3	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	40
	Picric acid, see Trinitrophenol, etc.						.....	.....	.....	.....	.....		.....
	Picrite, see Nitroguanidine, etc ..						.....	.....	.....	.....	.....		.....
	Picryl chloride, see Trinitrochlorobenzene.						.....	.....	.....	.....	.....		.....
	Pine oil	3	UN1272	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	alpha-Pinene	3	UN2368	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Piperazine	8	UN2579	III	8	IB8, IP3, T4, TP1	154	213	240	25 kg	100 kg	A	12
	Piperidine	8	UN2401	I	8, 3 ...	T10, TP2	None	201	243	0.5 L	2.5 L	B	.....
	<i>Pivaloyl chloride, see Trimethylacetyl chloride.</i>						.....	.....	.....	.....	.....		.....
	Plastic molding compound in dough, sheet or extruded rope form evolving flammable vapor.	9	UN3314	III	9	32, IB8, IP6	155	221	221	100 kg	200 kg	A	85, 87
	<i>Plastic solvent, n.o.s., see Flammable liquids, n.o.s..</i>						.....	.....	.....	.....	.....		.....
	Plastics, nitrocellulose-based, self-heating, n.o.s..	4.2	UN2006	III	4.2		None	213	None	Forbidden	Forbidden	C

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							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
Potassium dithionite or Potassium hydrosulfite.	4.2	UN1929	II	4.2	A8, A19, A20, IB6, IP2	None	212	241		15 kg	50 kg	E	13
Potassium fluoride	6.1	UN1812	III	6.1	IB8, IP3, T4, TP1	153	213	240		100 kg	200 kg	A	26
Potassium fluoroacetate	6.1	UN2628	I	6.1	IB7, IP1	None	211	242		5 kg	50 kg	E	.....
Potassium fluorosilicate	6.1	UN2655	III	6.1	IB8, IP3	153	213	240		100 kg	200 kg	A	26
<i>Potassium hydrate, see Potassium hydroxide, solid.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Potassium hydrogen fluoride, see Potassium hydrogen difluoride.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Potassium hydrogen fluoride solution, see Corrosive liquid, n.o.s..</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium hydrogen sulfate	8	UN2509	II	8	A7, IB8, IP2, IP4, N34	154	212	240		15 kg	50 kg	A	.....
Potassium hydrogendifluoride, <i>solid.</i>	8	UN1811	II	8, 6.1	IB8, IP2, IP4, N3, N34, T7, TP2	154	212	240		15 kg	50 kg	A	25, 26, 40
Potassium hydrogendifluoride, <i>solution.</i>	8	UN1811	II	8, 6.1	IB8, IP2, IP4, N3, N34, T7, TP2	154	202	243		1 L	30 L	A	25, 26, 40
Potassium hydrosulfite, <i>see Potassium dithionite.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Potassium hydroxide, liquid, see Potassium hydroxide solution.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium hydroxide, solid	8	UN1813	II	8	IB8, IP2, IP4	154	212	240		15 kg	50 kg	A	.....
Potassium hydroxide, solution ...	8	UN1814	II	8	B2, IB2, T7, TP2	154	202	242		1 L	30 L	A	.....
.....	.....	III	8 .....	.....	IB3, T4, TP1	154	203	241		5 L	60 L	A	.....
<i>Potassium hypochlorite, solution, see Hypochlorite solutions, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium, metal alloys	4.3	UN1420	I	4.3	A19, A20, B27, IB4, IP1	None	211	244	Forbidden	15 kg	D	.....	.....
<i>Potassium metal, liquid alloy, see Alkali metal alloys, liquid, n.o.s..</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium metavanadate	6.1	UN2864	II	6.1	IB8, IP2, IP4	None	212	242		25 kg	100 kg	A	.....
Potassium monoxide	8	UN2033	II	8	IB8, IP2, IP4	154	212	240		15 kg	50 kg	A	.....
Potassium nitrate	5.1	UN1486	III	5.1	A1, A29, IB8, IP3	152	213	240		25 kg	100 kg	A	.....

Potassium nitrate and sodium nitrite mixtures.	5.1	UN1487	II	5.1	B78, IB8, IP4	152	212	240	5 kg	25 kg	A	56, 58
Potassium nitrite	5.1	UN1488	II	5.1	IB8, IP4	152	212	242	5 kg	25 kg	A	56, 58
Potassium perchlorate, solid	5.1	UN1489	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	56, 58, 106
Potassium perchlorate, solution	5.1	UN1489	II	5.1	IB2, T4, TP1	152	202	242	1 L	5 L	A	56, 58, 106
Potassium permanganate	5.1	UN1490	II	5.1	IB8, IP4	152	212	240	5 kg	25 kg	D	56, 58, 69, 106, 107
Potassium peroxide	5.1	UN1491	I	5.1	A20, IB6, IP1, N34	None	211	None	Forbidden	15 kg	B	13, 75, 106
Potassium persulfate	5.1	UN1492	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Potassium phosphide	4.3	UN2012	I	4.3, 6.1.	A19, N40	None	211	None	Forbidden	15 kg	E	40, 85
<i>Potassium selenate, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Potassium selenite, see Selenites or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium sodium alloys	4.3	UN1422	I	4.3	A19, B27, IB4, IP1, N34, N40, T9, TP3, TP7	None	211	244	Forbidden	15 kg	D	.....
Potassium sulfide, anhydrous or Potassium sulfide with less than 30 percent water of crystallization.	4.2	UN1382	II	4.2	A19, A20, B16, IB6, IP2, N34	None	212	241	15 kg	50 kg	A	.....
Potassium sulfide, hydrated with not less than 30 percent water of crystallization.	8	UN1847	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	26
Potassium superoxide	5.1	UN2466	I	5.1	A20, IB6, IP1	None	211	None	Forbidden	15 kg	B	13, 75, 106
Powder cake, wetted or Powder paste, wetted with not less than 17 percent alcohol by mass.	1.1C	UN0433	II	1.1C ..	.....	None	62	None	Forbidden	Forbidden	10	.....
Powder cake, wetted or Powder paste, wetted with not less than 25 percent water, by mass.	1.3C	UN0159	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	10	.....
Powder paste, see Powder cake, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Powder, smokeless	1.1C	UN0160	II	1.1C ..	.....	None	62	None	Forbidden	Forbidden	.....	26E
Powder, smokeless	1.3C	UN0161	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	.....	26E
<i>Power device, explosive, see Cartridges, power device.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Primers, cap type	1.4S	UN0044	II	None	.....	None	62	None	25 kg	100 kg	05	.....
Primers, cap type	1.1B	UN0377	II	1.1B	None	62	None	Forbidden	Forbidden	11
Primers, cap type	1.4B	UN0378	II	1.4B	None	62	None	Forbidden	75 kg	06

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							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	<i>Primers, small arms, see Prim- ers, cap type.</i>	.....	.....				.....	.....	.....	.....	.....	.....	.....
	Primers, tubular	1.3G	UN0319	II	1.3G ..		None	62	None	ForbIDDEN	ForbIDDEN	07	.....
	Primers, tubular	1.4G	UN0320	II	1.4G ..		None	62	None	ForbIDDEN	75 kg	06	.....
	Primers, tubular	1.4S	UN0376	II	None		None	62	None	25 kg	100 kg	05	.....
	Printing ink, flammable or Print- ing ink related material (in- cluding printing ink thinning or reducing compound), flam- mable.	3	UN1210	I	3	T11, TP1, TP8	150	173	243	1 L	30 L	E	.....
				II	3	IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B	.....
				III	3	B1, IB3, T2, TP1	150	173	242	60 L	220 L	A	.....
	<i>Projectiles, illuminating, see Am- munition, illuminating, etc.</i>	.....	.....				.....	.....	.....	.....	.....	.....	.....
	Projectiles, inert with tracer	1.4S	UN0345	II	1.4S ..		.....	62	None	25 kg	100 kg	01	.....
	Projectiles, inert, with tracer	1.3G	UN0424	II	1.3G ..		.....	62	None	ForbIDDEN	ForbIDDEN	03	.....
	Projectiles, inert, with tracer	1.4G	UN0425	II	1.4G ..		.....	62	None	ForbIDDEN	75 kg	02	.....
	Projectiles, with burster or expel- ling charge.	1.2D	UN0346	II	1.2D ..		.....	62	None	ForbIDDEN	ForbIDDEN	03	.....
	Projectiles, with burster or expel- ling charge.	1.4D	UN0347	II	1.4D ..		.....	62	None	ForbIDDEN	75 kg	02	.....
	Projectiles, with burster or expel- ling charge.	1.2F	UN0426	II	1.2F ..		.....	62	None	ForbIDDEN	ForbIDDEN	08	.....
	Projectiles, with burster or expel- ling charge.	1.4F	UN0427	II	1.4F ..		.....	62	None	ForbIDDEN	ForbIDDEN	08	.....
	Projectiles, with burster or expel- ling charge.	1.2G	UN0434	II	1.2G ..		.....	62	None	ForbIDDEN	ForbIDDEN	03	.....
	Projectiles, with burster or expel- ling charge.	1.4G	UN0435	II	1.4G ..		.....	62	None	ForbIDDEN	75 kg	02	.....
	Projectiles, with bursting charge	1.1F	UN0167	II	1.1F ..		.....	62	None	ForbIDDEN	ForbIDDEN	08	.....
	Projectiles, with bursting charge	1.1D	UN0168	II	1.1D ..		.....	62	None	ForbIDDEN	ForbIDDEN	03	.....
	Projectiles, with bursting charge	1.2D	UN0169	II	1.2D ..		.....	62	None	ForbIDDEN	ForbIDDEN	03	.....
	Projectiles, with bursting charge	1.2F	UN0324	II	1.2F ..		.....	62	None	ForbIDDEN	ForbIDDEN	08	.....
	Projectiles, with bursting charge	1.4D	UN0344	II	1.4D ..		.....	62	None	ForbIDDEN	75 kg	02	.....
	Propadiène, stabilized	2.1	UN2200	.....	2.1		None	304	314, 315.	ForbIDDEN	150 kg	B	40

<i>Propadiene mixed with methyl acetylene, see Methyl acetylene and propadiene mixtures, stabilized.</i>	.....												
Propane <i>see also</i> Petroleum gases, liquefied.	2.1	UN1978	.....	2.1	19, T50	306	304	314, 315.	.....	Forbidden	150 kg	E	40	
Propanethiols	3	UN2402	II	3	IB2, T4, TP1, TP13	150	202	242 .....	.....	5 L	60 L	E	95, 102	
n-Propanol or Propyl alcohol, normal.	3	UN1274	II	3	B1, IB2, T4, TP1	150	202	242 .....	.....	5 L	60 L	B	.....
Propellant, liquid	1.3C	UN0495	II	1.3C	37	150	203	242 .....	.....	60 L	220 L	A	.....
Propellant, liquid	1.1C	UN0497	II	1.1C	37	None	62	None ....	.....	Forbidden	Forbidden	10	.....
Propellant, solid	1.1C	UN0498	II	1.1C .....	.....	None	62	None ....	.....	Forbidden	Forbidden	10	.....
Propellant, solid	1.3C	UN0499	II	1.3C .....	.....	None	62	None ....	.....	Forbidden	Forbidden	26E	.....
Propellant, solid	1.4C	UN0501	.....	1.4C .....	.....	None	62	None ....	.....	Forbidden	Forbidden	26E	.....
Propionaldehyde	3	UN1275	II	3	IB2, T7, TP1	150	202	242 .....	.....	5 L	60 L	E	.....
Propionic acid	8	UN1848	III	8	IB3, T4, TP1	154	203	241 .....	.....	5 L	60 L	A	.....
Propionic anhydride	8	UN2496	III	8	IB3, T4, TP1	154	203	241 .....	.....	5 L	60 L	A	.....
Propionitrile	3	UN2404	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243 .....	.....	Forbidden	60 L	E	40	
Propionyl chloride	3	UN1815	II	3, 8	IB1, T7, TP1	None	202	243 .....	.....	1 L	5 L	B	40	
n-Propyl acetate	3	UN1276	II	3	IB2, T4, TP1	150	202	242 .....	.....	5 L	60 L	B	.....
Propyl alcohol, <i>see</i> Propanol	.....					.....			.....
n-Propyl benzene	3	UN2364	III	3	B1, IB3, T2, TP1 IB2, IP8, N34,	150	203	242 .....	.....	60 L	220 L	A	.....
Propyl chloride	3	UN1278	II	3	T7, TP2	None	202	242 .....	.....	Forbidden	60 L	E	.....
n-Propyl chloroformate	6.1	UN2740	I	6.1, 3, 8.	2, A3, A6, A7, B9, B14, B32, B74, B77, N34, T20, TP2, TP13, TP38, TP44	None	227	244 .....	.....	Forbidden	Forbidden	B	21, 40, 100	
Propyl formates	3	UN1281	II	3	IB2, T4, TP1	150	202	242 .....	.....	5 L	60 L	B	.....
n-Propyl isocyanate	6.1	UN2482	I	6.1, 3	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244 .....	.....	Forbidden	Forbidden	D	40	
Propyl mercaptan, <i>see</i> Propanethiols.	.....					.....			.....
n-Propyl nitrate	3	UN1865	II	3	IB2, IP7	150	202	None ....	.....	5 L	60 L	D	.....
Propylamine	3	UN1277	II	3, 8	IB2, N34, T7, TP1	None	202	243 .....	.....	1 L	5 L	E	40	
Propylene <i>see also</i> Petroleum gases, liquefied.	2.1	UN1077	.....	2.1	19, T50	306	304	314, 315.	.....	Forbidden	150 kg	E	40	
Propylene chlorohydrin	6.1	UN2611	II	6.1, 3	IB2, T7, TP2, TP13	None	202	243 .....	.....	5 L	60 L	A	12, 40, 48	
Propylene oxide	3	UN1280	I	3	A3, N34, T11, TP2, TP7	None	201	243	1 L	30 L	E	40	
Propylene tetramer	3	UN2850	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	

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							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
	1,2-Propylenediamine	8	UN2258	II	8, 3	A3, A6, IB2, N34, T7, TP2	None	202	243	1 L	30 L	A	40
	Propyleneimine, stabilized	3	UN1921	I	3, 6.1	A3, N34, T14, TP2, TP13	None	201	243	1 L	30 L	B	40
	Propyltrichlorosilane	8	UN1816	II	8, 3	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	243	Forbidden	30 L	C	40
	<i>Prussic acid, see Hydrogen cyanide.</i>						.....	.....	.....	.....	.....	.....	.....
	Pyrethroid pesticide, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN3350	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
				II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Pyrethroid pesticide, liquid toxic	6.1	UN3352	I	6.1	T14, TP2, TP13, TP27	None	211	242	1 L	30 L	A	40
				II	6.1	IB2, T11, TP2, TP27	153	212	242	5 L	60 L	A	40
				III	6.1	IB3, T7, TP2, TP28	153	213	240	60 L	220 L	A	40
	Pyrethroid pesticide, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN3351	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
				II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1, 3	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	B	40
	Pyrethroid pesticide, solid, toxic	6.1	UN3349	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
				II	6.1	IB8, IP2, IP4	153	212	242	25 kg	100 kg	A	40
				III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Pyridine	3	UN1282	II	3	IB2, T4, TP2	None	202	242	5 L	60 L	B	21, 100
G	<i>Pyridine perchlorate</i>	Forbidden					.....	.....	.....	.....	.....	.....	.....
G	Pyrophoric liquid, inorganic, n.o.s..	4.2	UN3194	I	4.2		None	181	244	Forbidden	Forbidden	D	18
G	Pyrophoric liquids, organic, n.o.s..	4.2	UN2845	I	4.2	B11, T22, TP2, TP7	None	181	244	Forbidden	Forbidden	D	18
G	Pyrophoric metals, n.o.s., or Pyrophoric alloys, n.o.s..	4.2	UN1383	I	4.2	B11	None	187	242	Forbidden	Forbidden	D

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G	Pyrophoric organometallic compound, water-reactive, n.o.s..	4.2	UN3203	I	4.2, 4.3.	T21, TP2, TP7	None	187	242	Forbidden	Forbidden	D	18
G	Pyrophoric solid, inorganic, n.o.s..	4.2	UN3200	I	4.2		None	187	242	Forbidden	Forbidden	D	.....
G	Pyrophoric solids, organic, n.o.s..	4.2	UN2846	I	4.2		None	187	242	Forbidden	Forbidden	D C	.....
	Pyrosulfuryl chloride	8	UN1817	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	.....	40
	<i>Pyroxylin solution or solvent, see Nitrocellulose.</i>												.....
	Pyrrolidine	3	UN1922	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	40
	<i>Quebrachitol pentanitrate .....</i>												.....
	<i>Quicklime, see Calcium oxide .....</i>												.....
	Quinoline	6.1	UN2656	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	12
	<i>R 12, see Dichlorodifluoromethane.</i>												.....
	<i>R 12B1, see Chlorodifluorobromomethane.</i>												.....
	<i>R 13, see Chlorotrifluoromethane.</i>												.....
	<i>R 13B1, see Bromotrifluoromethane.</i>												.....
	<i>R 14, see Tetrafluoromethane ...</i>												.....
	<i>R 21, see Dichlorofluoromethane.</i>												.....
	<i>R 22, see Chlorodifluoromethane.</i>												.....
	<i>R 114, see Dichlorotetrafluoroethane.</i>												.....
	<i>R 115, see Chloropentafluoroethane.</i>												.....
	<i>R 116, see Hexafluoroethane ...</i>												.....
	<i>R 124, see Chlorotetrafluoroethane.</i>												.....
	<i>R 133a, see Chlorotrifluoroethane.</i>												.....
	<i>R 152a, see Difluoroethane .....</i>												.....
	<i>R 500, see Dichlorodifluoromethane and difluorethane, etc.</i>												.....
	<i>R 502, see Chlorodifluoromethane and chloropentafluoroethane mixture, etc.</i>												.....
	<i>R 503, see Chlorotrifluoromethane and trifluoromethane, etc.</i>												.....
D	Radioactive material, excepted package-articles manufactured from natural or depleted uranium or natural thorium.	7	UN2910	None		422, 426.	422, 426.	422, 426.			A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	Passenger aircraft/rail	Cargo air-craft only	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
I	Radioactive material, excepted package-articles manufactured from natural uranium or depleted uranium or natural thorium.	7	UN2909	.....	None		422, 426.	422, 426.	422, 426.	.....	.....	A	.....
D	Radioactive material, excepted package-empty package or empty packaging.	7	UN2910	.....	Empty		428	428	428 .....	.....	.....	A	.....
I	Radioactive material, excepted package-empty packaging.	7	UN2908	.....	Empty		422, 428.	422, 428.	422, 428.	.....	.....	A	.....
D	Radioactive material, excepted package-instruments or articles.	7	UN2910	.....	None		422, 424.	422, 424.	422, 424.	.....	.....	A	.....
I	Radioactive material, excepted package-instruments or articles.	7	UN2911	.....	None		422, 424.	422, 424.	422, 424.	.....	.....	A	.....
	Radioactive material, excepted package-limited quantity of material.	7	UN2910	.....	None		421, 422.	421, 422.	421, 422.	.....	.....	A	.....
D	Radioactive material, fissile, n.o.s..	7	UN2918	.....	7		453	417	417 .....	.....	.....	A	40, 95
I	Radioactive material, low specific activity (LSA-I) non fissile or fissile-excepted.	7	UN2912	.....	7	T5, TP4, W7	421, 422, 428.	427	427 .....	.....	.....	A	95
I	Radioactive material, low specific activity (LSA-II) non fissile or fissile-excepted.	7	UN3321	.....	7	T5, TP4, W7	421, 422, 428.	427	427 .....	.....	.....	A	95
I	Radioactive material, low specific activity (LSA-III) non fissile or fissile excepted.	7	UN3322	.....	7	T5, TP4, W7	421, 422, 428.	427	427 .....	.....	.....	A	95
D	Radioactive material, low specific activity, n.o.s. or Radioactive material, LSA, n.o.s..	7	UN2912	.....	7	T5, TP4	421, 428.	427	427 .....	.....	.....	A	.....
D	Radioactive material, n.o.s.	7	UN2982	.....	7		421, 428.	415, 416.	415, 416.	.....	.....	A	40, 95
D	Radioactive material, special form, n.o.s..	7	UN2974	7		421, 424.	415, 416.	415, 416.	A

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D	Radioactive material, surface contaminated object or Radioactive material, SCO.	7	UN2913	7	421, 424, 426.	427	427	A
I	Radioactive material, surface contaminated objects (SCO-I or SCO-II) non fissile or fissile-excepted.	7	UN2913	.....	7 .....	.....	421, 422, 428.	427	427 .....	.....	.....	A	95
I	Radioactive material, transported under special arrangement, non fissile or fissile excepted.	7	UN2919	.....	7	139	.....	.....	.....	.....	.....	.....	.....
I	Radioactive material, transported under special arrangement, fissile.	7	UN3331	.....	7	139	.....	.....	.....	.....	.....	.....	.....
I	Radioactive material, Type A package, fissile non-special form.	7	UN3327	.....	7	W7, W8	453	417	417 .....	.....	.....	A	95
I	Radioactive material, Type A package non-special form, non fissile or fissile-excepted.	7	UN2915	.....	7	W7, W8	.....	415	415 .....	.....	.....	A	95
I	Radioactive material, Type A package, special form non fissile or fissile-excepted.	7	UN3332	.....	7	W7, W8	.....	415, 476.	415, 476.	.....	.....	A	95
I	Radioactive material, Type A package, special form, fissile.	7	UN3333	.....	7	W7, W8	453	417, 476.	417, 476.	.....	.....	A	.....
I	Radioactive material, Type B(M) package, fissile.	7	UN3329	.....	7 .....	.....	453	417	417 .....	.....	.....	A	.....
I	Radioactive material, Type B(M) package non fissile or fissile-excepted.	7	UN2917	.....	7 .....	.....	.....	416	416 .....	.....	.....	A	95
I	Radioactive material, Type B(U) package, fissile.	7	UN3328	.....	7 .....	.....	453	417	417 .....	.....	.....	A	.....
I	Radioactive material, Type B(U) package non fissile or fissile-excepted.	7	UN2916	.....	7 .....	.....	.....	416	416 .....	.....	.....	A	95
I	Radioactive material, uranium hexafluoride non fissile or fissile-excepted.	7	UN2978	.....	7, 8 ....	.....	423	420, 427.	420, 427.	.....	.....	A	95
I	Radioactive material, uranium hexafluoride, fissile. <i>Railway torpedo, see Signals, railway track, explosive.</i>	7	UN2977	.....	7, 8 ....	.....	453	417, 420.	417, 420.	.....	.....	A	.....
	Rare gases and nitrogen mixtures, compressed.	2.2	UN1981	.....	2.2 .....	.....	306	302	None ...	75 kg	150 kg	A	.....
	Rare gases and oxygen mixtures, compressed.	2.2	UN1980	.....	2.2	79	306	302	None ...	75 kg	150 kg	A	.....
	Rare gases mixtures, compressed.	2.2	UN1979	2.2	306	302	None ...	75 kg	150 kg	A
	RC 318, see Octafluorocyclobutane.		

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air-craft only (9B)	Loca-tion (10A)	Other (10B)
	RDX and cyclotetramethylenetrinitramine, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized.	.....	.....	.....	II	1.1D ..	.....	.....	.....	.....	.....	.....	.....
	RDX and HMX mixtures, wetted with not less than 15 percent water by mass or RDX and HMX mixtures, desensitized with not less than 10 percent phlegmatizer by mass.	1.1D	UN0391	II	1.1D ..	.....	None	62	None	Forbidden	Forbidden	10	.....
	RDX and Octogen mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	RDX, see Cyclotrimethylene trinitramine, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Receptacles, small, containing gas (gas cartridges) flammable, without release device, not refillable and not exceeding 1 L capacity.	2.1	UN2037	.....	2.1 .....	.....	306	304	None	1 kg	15 kg	B	40
	Receptacles, small, containing gas (gas cartridges) non-flammable, without release device, not refillable and not exceeding 1 L capacity.	2.2	UN2037	.....	2.2 .....	.....	306	304	None	1 kg	15 kg	B	40
	Red phosphorus, see Phosphorus, amorphous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Refrigerant gas R 404A	2.2	UN3337	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Refrigerant gas R 407A	2.2	UN3338	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Refrigerant gas R 407B	2.2	UN3339	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Refrigerant gas R 407C	2.2	UN3340	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
G	Refrigerant gases, n.o.s.	2.2	UN1078	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....

D	Refrigerant gases, n.o.s. or Dispersant gases, n.o.s..	2.1	NA1954	.....	2.1		T50	306	304	314, 315.	Forbidden	150 kg	D	40	
	Refrigerating machines, containing flammable, non-toxic, liquefied gas.	2.1	UN3358	.....	2.1			306	306	306	Forbidden	Forbidden	C	40	
	Refrigerating machines, containing non-flammable, non-toxic, liquefied gas or ammonia solution (UN2672).	2.2	UN2857	.....	2.2		A53	306, 307.	306	306, 307.	450 kg	450 kg	A	.....
	Regulated medical waste	6.2	UN3291	II	6.2		A13, A14	134	197	None	No limit	No limit	E	.....
	Release devices, explosive	1.4S	UN0173	II	1.4S			None	62	None	25 kg	100 kg	05	.....
	Resin solution, flammable	3	UN1866	I	3		B52, T11, TP1, TP8	150	201	243	1 L	30 L	E	.....
				II	3		B52, IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B	.....
				III	3		B1, B52, IB3, T2, TP1	150	173	242	60 L	220 L	A	.....
	Resorcinol	6.1	UN2876	III	6.1		IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Rifle grenade, see Grenades, hand or rifle, etc.				.....			.....	.....	.....	.....	.....	.....	.....
	Rifle powder, see Powder, smokeless (UN 0160).				.....			.....	.....	.....	.....	.....	.....	.....
	Rivets, explosive	1.4S	UN0174	II	1.4S			None	62	None	25 kg	100 kg	05	.....
	Road asphalt or tar liquid, see Tars, liquid, etc.				.....			.....	.....	.....	.....	.....	.....	.....
	Rocket motors	1.3C	UN0186	II	1.3C ..			109	None	62	None	Forbidden	220 kg	03	.....
	Rocket motors	1.1C	UN0280	II	1.1C ..			109	None	62	None	Forbidden	Forbidden	03	.....
	Rocket motors	1.2C	UN0281	II	1.2C ..			109	None	62	None	Forbidden	Forbidden	03	.....
	Rocket motors, liquid fueled	1.2J	UN0395	II	1.2J ..			109	None	62	None	Forbidden	Forbidden	04	23E
	Rocket motors, liquid fueled	1.3J	UN0396	II	1.3J ..			109	None	62	None	Forbidden	Forbidden	04	23E
	Rocket motors with hypergolic liquids with or without an expelling charge.	1.3L	UN0250	II	1.3L ..			109	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E
	Rocket motors with hypergolic liquids with or without an expelling charge.	1.2L	UN0322	II	1.2L ..			109	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E
	Rockets, line-throwing	1.2G	UN0238	II	1.2G ..				None	62	None	Forbidden	Forbidden	07	.....
	Rockets, line-throwing	1.3G	UN0240	II	1.3G ..				None	62	None	Forbidden	75 kg	07	.....
	Rockets, line-throwing	1.4G	UN0453	II	1.4G ..				None	62	None	Forbidden	75 kg	06	.....
	Rockets, liquid fueled with bursting charge.	1.1J	UN0397	II	1.1J ..				None	62	None	Forbidden	Forbidden	04	23E
	Rockets, liquid fueled with bursting charge.	1.2J	UN0398	II	1.2J ..				None	62	None	Forbidden	Forbidden	04	23E
	Rockets, with bursting charge	1.1F	UN0180	II	1.1F ..				None	62	None	Forbidden	Forbidden	08	.....
	Rockets, with bursting charge	1.1E	UN0181	II	1.1E ..				None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with bursting charge	1.2E	UN0182	II	1.2E ..				None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with bursting charge	1.2F	UN0295	II	1.2F ..				None	62	None	Forbidden	Forbidden	08	.....
	Rockets, with expelling charge	1.2C	UN0436	II	1.2C ..				None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with expelling charge	1.3C	UN0437	II	1.3C ..				None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with expelling charge	1.4C	UN0438	II	1.4C ..				None	62	None	Forbidden	75 kg	02

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)						(10A)	(10B)
	Rockets, <i>with inert head</i>	1.3C	UN0183	II	1.3C ..		None	62	None	Forbidden	Forbidden	03	.....
	Rockets, <i>with inert head</i>	1.2C	UN0502	.....	1.2		None	62	None	Forbidden	Forbidden	B	1E, 5E
	Rosin oil	3	UN1286	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Rubber solution	3	UN1287	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Rubidium	4.3	UN1423	I	4.3	22, A7, A19, IB1, IP1, N34, N40, N45	None	211	242	ForbIDDEN	15 kg	D	.....
	Rubidium hydroxide	8	UN2678	II	8	IB8, IP2, IP4, T7, TP2	154	212	240	15 kg	50 kg	A	.....
	Rubidium hydroxide solution	8	UN2677	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Safety fuse, see Fuse, safety .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sand acid, see Fluorosilicic acid .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Seed cake, <i>containing vegetable oil solvent extractions and expelled seeds, with not more than 10 percent of oil and when the amount of moisture is higher than 11 percent, with not more than 20 percent of oil and moisture combined.</i>	4.2	UN1386	III	None	IB8, IP3, IP6, N7	None	213	241	ForbIDDEN	ForbIDDEN	A	13
I	Seed cake <i>with more than 1.5 percent oil and not more than 11 percent moisture.</i>	4.2	UN1386	III	None	IB8, IP3, IP6, N7	None	213	241	ForbIDDEN	ForbIDDEN	E	13
I	Seed cake <i>with not more than 1.5 percent oil and not more than 11 percent moisture.</i>	4.2	UN2217	III	None	IB8, IP3, IP6, N7	None	213	241	ForbIDDEN	ForbIDDEN	A	13
	Selenates or Selenites	6.1	UN2630	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	E	.....
	Selenic acid	8	UN1905	I	8	IB7, IP1, N34	None	211	242	ForbIDDEN	25 kg	A	.....
	Selenium compound, n.o.s.	6.1	UN3283	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	.....
	III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A
	Selenium disulfide	6.1	UN2657	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A

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	Selenium hexafluoride	2.3	UN2194	2.3, 8	1	None	302	None	Forbidden	Forbidden	D	40	
	Selenium nitride	Forbidden	8	UN2879	I	8, 6.1	A3, A6, A7, N34, T10, TP2, TP12, TP13	None	201	243	0.5 L	2.5 L	E	40
	Selenium oxychloride													
+ A	Self-defense spray, aerosol, see Aerosols, etc.													
D	Self-defense spray, non-pressur- ized.	9	NA3334	III	9		A37	155	203	None	No limit	No limit	A	.....
G	Self-heating liquid, corrosive, in- organic, n.o.s..	4.2	UN3188	II	4.2, 8		IB2	None	202	243	1 L	5 L	C	.....
G	Self-heating liquid, corrosive, or- ganic, n.o.s..	4.2	UN3185	III	4.2, 8		IB2	None	203	241	5 L	60 L	C	.....
G	Self-heating liquid, corrosive, or- ganic, n.o.s..	4.2	UN3185	II	4.2, 8		IB2	None	202	243	1 L	5 L	C	.....
G	Self-heating liquid, inorganic, n.o.s..	4.2	UN3186	III	4.2, 8		IB2	None	203	241	5 L	60 L	C	.....
G	Self-heating liquid, organic, n.o.s..	4.2	UN3186	II	4.2		IB2	None	202	242	1 L	5 L	C	.....
G	Self-heating liquid, organic, n.o.s..	4.2	UN3183	III	4.2		IB2	None	203	241	5 L	60 L	C	.....
G	Self-heating liquid, organic, n.o.s..	4.2	UN3183	II	4.2		IB2	None	202	242	1 L	5 L	C	.....
G	Self-heating liquid, toxic, inor- ganic, n.o.s..	4.2	UN3187	III	4.2		IB2	None	203	241	5 L	60 L	C	.....
G	Self-heating liquid, toxic, inor- ganic, n.o.s..	4.2	UN3187	II	4.2, 6.1.		IB2	None	202	243	1 L	5 L	C	.....
G	Self-heating liquid, toxic, inor- ganic, n.o.s..	4.2	UN3184	III	4.2, 6.1.		IB2	None	203	241	5 L	60 L	C	.....
G	Self-heating liquid, toxic, inor- ganic, n.o.s..	4.2	UN3184	II	4.2, 6.1.		IB2	None	202	243	1 L	5 L	C	.....
G	Self-heating solid, corrosive, in- organic, n.o.s..	4.2	UN3192	II	4.2, 8		IB5, IP2	None	212	242	15 kg	50 kg	C	.....
G	Self-heating solid, corrosive, or- ganic, n.o.s..	4.2	UN3126	III	4.2, 8		IB8, IP3	None	213	242	25 kg	100 kg	C	.....
G	Self-heating solid, corrosive, or- ganic, n.o.s..	4.2	UN3126	II	4.2, 8		IB5, IP2	None	212	242	15 kg	50 kg	C	.....
G	Self-heating solid, inorganic, n.o.s..	4.2	UN3190	III	4.2, 8		IB8, IP3	None	213	242	25 kg	100 kg	C	.....
G	Self-heating solid, inorganic, n.o.s..	4.2	UN3190	II	4.2		IB6, IP2	None	212	241	15 kg	50 kg	C	.....
G	Self-heating solid, organic, n.o.s..	4.2	UN3088	III	4.2		IB8, IP3	None	213	241	25 kg	100 kg	C	.....
G	Self-heating solid, organic, n.o.s..	4.2	UN3088	II	4.2		IB6, IP2	None	212	241	15 kg	50 kg	C	.....
G	Self-heating, solid, oxidizing, n.o.s..	4.2	UN3127	III	4.2, 5.1.		IB8, IP3	None	213	241	25 kg	100 kg	C	.....
G	Self-heating, solid, toxic, inor- ganic, n.o.s..	4.2	UN3191	II	4.2, 6.1.		IB5, IP2	None	212	242	15 kg	50 kg	C	.....
G	Self-heating, solid, toxic, inor- ganic, n.o.s..	4.2	UN3191	III	4.2, 6.1.		IB8, IP3	None	213	242	25 kg	100 kg	C	.....
G	Self-heating, solid, toxic, or- ganic, n.o.s..	4.2	UN3128	II	4.2, 6.1.		IB5, IP2	None	212	242	15 kg	50 kg	C	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Symbols	Hazardous materials descriptions and proper shipping names	Hazard class or Division	Identification Numbers	PG	Label Codes	Special provisions (\$172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stowage		
							Exceptions	Non-bulk	Bulk	Passenger aircraft/rail	Cargo aircraft only	Location	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)	
				III	4.2, 6.1.	IB8, IP3	None	213	242	25 kg	100 kg	C	.....
	<i>Self-propelled vehicle, see Engines or Batteries etc.</i>				.....		.....	.....	.....	.....	.....
G	Self-reactive liquid type B	4.1	UN3221	II	4.1		53	None	224	None	Forbidden	Forbidden	D	61
G	Self-reactive liquid type B, temperature controlled.	4.1	UN3231	II	4.1		53	None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive liquid type C	4.1	UN3223	II	4.1			None	224	None			D	61
G	Self-reactive liquid type C, temperature controlled.	4.1	UN3233	II	4.1			None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive liquid type D	4.1	UN3225	II	4.1			None	224	None	5 L	10 L	D	61
G	Self-reactive liquid type D, temperature controlled.	4.1	UN3235	II	4.1			None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive liquid type E	4.1	UN3227	II	4.1			None	224	None	5 L	10 L	D	61
G	Self-reactive liquid type E, temperature controlled.	4.1	UN3237	II	4.1			None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive liquid type F	4.1	UN3229	II	4.1			None	224	None	10 L	25 L	D	61
G	Self-reactive liquid type F, temperature controlled.	4.1	UN3239	II	4.1			None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type B	4.1	UN3222	II	4.1		53	None	224	None	Forbidden	Forbidden	D	61
G	Self-reactive solid type B, temperature controlled.	4.1	UN3232	II	4.1		53	None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type C	4.1	UN3224	II	4.1			None	224	None	5 kg	10 kg	D	61
G	Self-reactive solid type C, temperature controlled.	4.1	UN3234	II	4.1			None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type D	4.1	UN3226	II	4.1			None	224	None	5 kg	10 kg	D	61
G	Self-reactive solid type D, temperature controlled.	4.1	UN3236	II	4.1			None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type E	4.1	UN3228	II	4.1			None	224	None	10 kg	25 kg	D	61
G	Self-reactive solid type E, temperature controlled.	4.1	UN3238	II	4.1			None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type F	4.1	UN3230	II	4.1			None	224	None	10 kg	25 kg	D	61
G	Self-reactive solid type F, temperature controlled.	4.1	UN3240	II	4.1			None	224	None	Forbidden	Forbidden	D	2, 61
	Shale oil	3	UN1288	I	3	T11, TP1, TP8, TP27		None	201	243	1 L	30 L	B	.....
				II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
				III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....

<i>Shaped charges, see Charges, shaped, etc.</i>														
Signal devices, hand	1.4G	UN0191	II	1.4G ..		None	62	None	Forbidden	75 kg	06			
Signal devices, hand	1.4S	UN0373	II	1.4S ..		None	62	None	25 kg	100 kg	05			
Signals, distress, <i>ship</i>	1.1G	UN0194	II	1.1G ..		None	62	None	Forbidden	Forbidden	07			
Signals, distress, <i>ship</i>	1.3G	UN0195	II	1.3G ..		None	62	None	Forbidden	75 kg	07			
<i>Signals, highway, see Signal devices, hand.</i>				.....		.....	.....	.....	.....	.....	.....
Signals, railway track, explosive	1.1G	UN0192	II	1.1G ..		None	62	None	Forbidden	Forbidden	07			
Signals, railway track, explosive	1.4S	UN0193	II	1.4S ..		None	62	None	25 kg	100 kg	05			
Signals, railway track, explosive	1.3G	UN0492	.....	1.3G ..		None	62	None	Forbidden	Forbidden	07			
Signals, railway track, explosive	1.4G	UN0493	.....	1.4G ..		None	62	None	Forbidden	75 kg	06			
<i>Signals, ship distress, water-activated, see Contrivances, water-activated, etc.</i>				.....		.....	.....	.....	.....	.....	.....
Signals, smoke	1.1G	UN0196	II	1.1G ..		None	62	None	Forbidden	Forbidden	07			
Signals, smoke	1.4G	UN0197	II	1.4G ..		None	62	None	Forbidden	75 kg	06			
Signals, smoke	1.2G	UN0313	II	1.2G ..		None	62	None	Forbidden	Forbidden	07			
Signals, smoke	1.3G	UN0487	II	1.3G ..		None	62	None	Forbidden	Forbidden	07			
Silane, compressed	2.1	UN2203	.....	2.1 ..		None	302	None	Forbidden	Forbidden	E	40, 57, 104		
<i>Silicofluoric acid, see Fluorosilicic acid.</i>				.....		.....	.....	.....	.....	.....	.....
<i>Silicon chloride, see Silicon tetrachloride.</i>				.....		.....	.....	.....	.....	.....	.....
Silicon powder, amorphous	4.1	UN1346	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	A			
Silicon tetrachloride	8	UN1818	II	8	A3, A6, B2, B6, IB2, T7, TP2, TP7	154	202	242	1 L	30 L	C	40		
Silicon tetrafluoride, compressed	2.3	UN1859	.....	2.3, 8		2	None	302	None	Forbidden	Forbidden	D	40	
<i>Silver acetylide (dry)</i>	ForbIDDEN	UN1859	.....	.....			.....	.....	.....	.....	.....
Silver arsenite	6.1	UN1683	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A			
<i>Silver azide (dry)</i>	ForbIDDEN	UN1683	.....	.....			.....	.....	.....	.....	.....
<i>Silver chlorite (dry)</i>	ForbIDDEN	UN1684	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	26, 40		
Silver cyanide	6.1	UN1684	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	26, 40		
<i>Silver fulminate (dry)</i>	ForbIDDEN	UN1684	.....	.....			.....	.....	.....	.....	.....
Silver nitrate	5.1	UN1493	II	5.1	IB8, IP4	152	212	242	5 kg	25 kg	A			
<i>Silver oxalate (dry)</i>	ForbIDDEN	UN1493	.....	.....			.....	.....	.....	.....	.....
<i>Silver picrate (dry)</i>	ForbIDDEN	UN1347	I	4.1		None	211	None	Forbidden	Forbidden	D	28, 36		
Silver picrate, wetted with not less than 30 percent water, by mass.	4.1	UN1347	I	4.1										
Sludge, acid	8	UN1906	II	8	A3, A7, B2, IB2, N34, T8, TP2, TP12	None	202	242	Forbidden	30 L	C	14		
<i>Smokeless powder for small arms (100 pounds or less).</i>	4.1	NA3178	I	4.1		16	None	171	None	Forbidden	7.3 kg	A		
Soda lime with more than 4 percent sodium hydroxide.	8	UN1907	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A			

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
Sodium	4.3	UN1428	I	4.3		A7, A8, A19, A20, B9, B48, B68, IB4, IP1, N34, T9, TP3, TP7, TP46	None	211	244	Forbidden	15 kg	D	.....
Sodium aluminate, solid	8	UN2812	III	8		IB8, IP3	154	213	240	25 kg	100 kg	A	.....
Sodium aluminate, solution	8	UN1819	II	8		B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
.....	.....	.....	III	8		IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
Sodium aluminum hydride	4.3	UN2835	II	4.3		A8, A19, A20, IB1	151	212	242	Forbidden	50 kg	E	.....
Sodium ammonium vanadate	6.1	UN2863	II	6.1		IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Sodium arsanilate	6.1	UN2473	III	6.1		IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Sodium arsenate	6.1	UN1685	II	6.1		IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Sodium arsenite, aqueous solu-tions.	6.1	UN1686	II	6.1		IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
.....	.....	.....	III	6.1		IB3, T4, TP2	153	203	241	60 L	220 L	A	.....
Sodium arsenite, solid	6.1	UN2027	II	6.1		IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Sodium azide	6.1	UN1687	II	6.1		IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	36, 52, 91
Sodium bifluoride, see Sodium hydrogendifluoride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sodium bisulfite, solution, see Bisulfites, aqueous solutions, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sodium borohydride	4.3	UN1426	I	4.3		N40	None	211	242	Forbidden	15 kg	E	.....
Sodium borohydride and sodium hydroxide solution, with not more than 12 percent sodium borohydride and not more than 40 percent sodium hydroxide by mass.	8	UN3320	II	8		B2, IB2, N34, T7, TP2	154	202	242	1 L	30 L	A	26
.....	.....	.....	III	8		B2, IB3, N34, T4, TP2	154	203	241	5 L	60 L	A	.....
Sodium bromate	5.1	UN1494	II	5.1		IB8, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106
Sodium cacodylate	6.1	UN1688	II	6.1		IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	26
Sodium chlorate	5.1	UN1495	II	5.1		A9, IB8, IP4, N34, T4, TP1	152	212	240	5 kg	25 kg	A	56, 58, 106

Sodium chlorate, aqueous solution.	5.1	UN2428	II	5.1	A2, IB2, T4, TP1	152	202	241	1 L	5 L	B	56, 58, 106
.....	.....	.....	III	5.1	A2, IB2, T4, TP1	152	203	241	2.5 L	30 L	B	56, 58, 69, 106
<i>Sodium chlorate mixed with dinitrotoluene, see Explosive blasting, type C.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sodium chlorite	5.1	UN1496	II	5.1	A9, IB8, IP2, IP4, N34, T4, TP1	None	212	242	5 kg	25 kg	A	56, 58, 106
Sodium chloroacetate	6.1	UN2659	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Sodium cuprocyanide, solid	6.1	UN2316	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	26
Sodium cuprocyanide, solution ..	6.1	UN2317	I	6.1	T14, TP2, TP13	None	201	243	1 L	30 L	B	26, 40
Sodium cyanide	6.1	UN1689	I	6.1	B69, B77, IB7, IP1, N74, N75, T14, TP2, TP13	None	211	242	5 kg	50 kg	B	52
<i>Sodium dichloroisocyanurate or Sodium dichloro-s-triazinetrione, see Dichloroisocyanuric acid etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sodium dinitro-o-cresolate, dry or wetted with less than 15 percent water, by mass.	1.3C	UN0234	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	10	5E
Sodium dinitro-o-cresolate, wetted with not less than 15 percent water, by mass.	4.1	UN1348	I	4.1, 6.1.	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	E	28, 36
Sodium dithionite or Sodium hydrosulfite.	4.2	UN1384	II	4.2	A19, A20, IB6, IP2	None	212	241	15 kg	50 kg	E	13
Sodium fluoride	6.1	UN1690	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	26
Sodium fluoroacetate	6.1	UN2629	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	E	.....
Sodium fluorosilicate	6.1	UN2674	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26
<i>Sodium hydrate, see Sodium hydroxide, solid.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sodium hydride	4.3	UN1427	I	4.3 .....	.....	None	211	242	Forbidden	15 kg	E	.....
Sodium hydrogenfluoride, solid	8	UN2439	II	8	IB8, IP2, IP4, N3, N34	154	212	240	15 kg	50 kg	A	12, 25, 26, 40
Sodium hydrogendifluoride solution.	8	UN2439	II	8	IB8, IP2, IP4, N3, N34	154	202	242	1 L	30 L	A	12, 25, 26, 40
Sodium hydrosulfide, with less than 25 percent water of crystallization.	4.2	UN2318	II	4.2	A7, A19, A20, IB6, IP2	None	212	241	15 kg	50 kg	A	.....
Sodium hydrosulfide with not less than 25 percent water of crystallization.	8	UN2949	II	8	A7, IB8, IP2, IP4, T7, TP2	154	212	240	15 kg	50 kg	A	26
<i>Sodium hydrosulfite, see Sodium dithionite.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sodium hydroxide, solid	8	UN1823	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
Sodium hydroxide solution	8	UN1824	II	8	B2, IB2, N34, T7, TP2	154	202	242	1 L	30 L	A
.....	III	8	IB3, N34, T4, TP1	154	203	241	5 L	60 L	A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num-bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
	<i>Sodium hypochlorite, solution, see Hypochlorite solutions etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Sodium metal, liquid alloy, see Alkali metal alloys, liquid, n.o.s.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sodium methylate	4.2	UN1431	II	4.2, 8	A19, IB5, IP2	None	212	242	15 kg	50 kg	B	.....
	Sodium methylate solutions <i>in alcohol.</i>	3	UN1289	II	3, 8	IB2, T7, TP1, TP8	None	202	243	1 L	5 L	B	.....
	.....	.....	.....	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	.....
	Sodium monoxide	8	UN1825	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	Sodium nitrate	5.1	UN1498	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Sodium nitrate and potassium nitrate mixtures.	5.1	UN1499	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Sodium nitrite	5.1	UN1500	III	5.1, 6.1.	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	56, 58
	Sodium pentachlorophenate	6.1	UN2567	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Sodium perchlorate	5.1	UN1502	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	56, 58, 106
	Sodium permanganate	5.1	UN1503	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	D	56, 58, 69, 106, 107
	Sodium peroxide	5.1	UN1504	I	5.1	A20, IB6, IP1, N34	None	211	None	Forbidden	15 kg	B	13, 75, 106
	Sodium peroxoborate, anhy-drous.	5.1	UN3247	II	5.1	IB8, IP4	152	212	240	5 kg	25 kg	A	13, 25, 106
	Sodium persulfate	5.1	UN1505	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Sodium phosphide	4.3	UN1432	I	4.3, 6.1.	A19, N40	None	211	None	Forbidden	15 kg	E	40, 85
	Sodium picramate, dry or wetted with less than 20 percent water, by mass.	1.3C	UN0235	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	10	5E
	Sodium picramate, wetted with not less than 20 percent water, by mass.	4.1	UN1349	I	4.1	23, A8, A19, N41	None	211	None	Forbidden	15 kg	E	28, 36
	Sodium picryl peroxide	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sodium potassium alloys, see Potassium sodium alloys.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Sodium selenate, see Selenates or Selenites.	.....			.....					
Sodium sulfide, anhydrous or Sodium sulfide with less than 30 percent water of crystallization.	4.2	UN1385	II	4.2	A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	A	.....
Sodium sulfide, hydrated with not less than 30 percent water.	8	UN1849	II	8	IB8, IP2, IP4, T7, TP2	154	212	240	15 kg	50 kg	A	26	
Sodium superoxide	5.1	UN2547	I	5.1	A20, IB6, IP1, N34	None	211	None	ForbIDDEN	15 kg	E	13, 75, 106	
Sodium tetranitride	Forbidden			.....		.....	.....	.....	.....	.....	.....	.....
Solids containing corrosive liquid, n.o.s..	8	UN3244	II	8	49, IB5	154	212	240	15 kg	50 kg	B	40	
Solids containing flammable liquid, n.o.s..	4.1	UN3175	II	4.1	47, IB6, IP2	151	212	240	15 kg	50 kg	B	.....
Solids containing toxic liquid, n.o.s..	6.1	UN3243	II	6.1	48, IB2	None	212	240	25 kg	100 kg	B	40	
Sounding devices, explosive	1.2F	UN0204	II	1.2F		None	62	None	ForbIDDEN	ForbIDDEN	08	.....
Sounding devices, explosive	1.1F	UN0296	II	1.1F		None	62	None	ForbIDDEN	ForbIDDEN	08	.....
Sounding devices, explosive	1.1D	UN0374	II	1.1D		None	62	None	ForbIDDEN	ForbIDDEN	07	.....
Sounding devices, explosive	1.2D	UN0375	II	1.2D		None	62	None	ForbIDDEN	ForbIDDEN	07	.....
Spirits of salt, see Hydrochloric acid.	.....			.....		.....	.....	.....	.....	.....	.....	.....
Squibs, see Igniters etc .....	.....			.....		.....	.....	.....	.....	.....	.....	.....
Stannic chloride, anhydrous	8	UN1827	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C	.....
Stannic chloride, pentahydrate ..	8	UN2440	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
Stannic phosphide	4.3	UN1433	I	4.3, 6.1.	A19, N40	None	211	242	ForbIDDEN	15 kg	E	40, 85	
Steel swarf, see Ferrous metal borings, etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
Stibine	2.3	UN2676	2.3, 2.1.		1	None	304	None	ForbIDDEN	ForbIDDEN	D	40
Storage batteries, wet, see Batteries, wet etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
Strontium arsenite	6.1	UN1691	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Strontium chlorate	5.1	UN1506	II	5.1	A1, A9, IB8, IP2, IP4, N34	152	212	242	5 kg	25 kg	A	56, 58, 106	
Strontium nitrate	5.1	UN1507	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Strontium perchlorate	5.1	UN1508	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	56, 58, 106	
Strontium peroxide	5.1	UN1509	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	13, 75, 106	
Strontium phosphide	4.3	UN2013	I	4.3, 6.1.	A19, N40	None	211	None	ForbIDDEN	15 kg	E	40, 85	
Strychnine or Strychnine salts ..	6.1	UN1692	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40	
Styphnic acid, see Trinitroresorcinol, etc.	.....			.....		.....	.....	.....	.....	.....	.....	.....
Styrene monomer, stabilized	3	UN2055	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
G	Substances, explosive, n.o.s.	1.1L	UN0357	II	1.1L ...	101	None	62	None	Forbidden	Forbidden		8E, 14E, 15E, 17E
G	Substances, explosive, n.o.s.	1.2L	UN0358	II	1.2L ...	101	None	62	None	Forbidden	Forbidden		8E, 14E, 15E, 17E
G	Substances, explosive, n.o.s.	1.3L	UN0359	II	1.3L ...	101	None	62	None	Forbidden	Forbidden		8E, 14E, 15E, 17E
G	Substances, explosive, n.o.s.	1.1A	UN0473	II	1.1A ...	101, 111	None	62	None	Forbidden	Forbidden	12	.....
G	Substances, explosive, n.o.s.	1.1C	UN0474	II	1.1C ..	101	None	62	None	Forbidden	Forbidden	10	.....
G	Substances, explosive, n.o.s.	1.1D	UN0475	II	1.1D ..	101	None	62	None	Forbidden	Forbidden	10	.....
G	Substances, explosive, n.o.s.	1.1G	UN0476	II	1.1G ..	101	None	62	None	Forbidden	Forbidden	08	.....
G	Substances, explosive, n.o.s.	1.3C	UN0477	II	1.3C ..	101	None	62	None	Forbidden	Forbidden	10	.....
G	Substances, explosive, n.o.s.	1.3G	UN0478	II	1.3G ..	101	None	62	None	Forbidden	Forbidden	08	.....
G	Substances, explosive, n.o.s.	1.4C	UN0479	II	1.4C ..	101	None	62	None	Forbidden	75 kg	09	.....
6	Substances, explosive, n.o.s.	1.4D	UN0480	II	1.4D ..	101	None	62	None	Forbidden	75 kg	09	.....
G	Substances, explosive, n.o.s.	1.4S	UN0481	II	1.4S ..	101	None	62	None	25 kg	75 kg	05	.....
G	Substances, explosive, n.o.s.	1.4G	UN0485	II	1.4G ..	101	None	62	None	Forbidden	75 kg	08	.....
G	Substances, explosive, very in- sensitive, n.o.s., or Sub- stances, EVI, n.o.s..	1.5D	UN0482	II	1.5D ..	101	None	62	None	Forbidden	Forbidden	10	.....
Substituted nitrophenol pes- ticides, liquid, flammable, toxic, <i>flash point less than 23</i> <i>degrees C.</i>		3	UN2780	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
.....				II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
Substituted nitrophenol pes- ticides, liquid, toxic.		6.1	UN3014	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
.....				II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
.....				III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40

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D I +/-	Substituted nitrophenol pesticides, liquid, toxic, flammable flash point not less than 23 degrees C.	6.1	UN3013	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Substituted nitrophenol pesticides, solid, toxic.	6.1	UN2779	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Sucrose octanitrate (dry)	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sulfamic acid	8	UN2967	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	Sulfur	9	NA1350	III	9	30, IB8, IP2	None	None	240	No limit	No limit	A	19, 74
	Sulfur	4.1	UN1350	III	4.1	30, IB8, IP3, T1, TP1	None	None	240	No limit	No limit	A	19, 74
D I +/-	Sulfur and chlorate, loose mixtures of.	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sulfur chlorides	8	UN1828	I	8	5, A3, B10, B77, N34, T20, TP2, TP12	None	201	243	Forbidden	2.5 L	C	40
	Sulfur dichloride, see Sulfur chlorides.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sulfur dioxide	2.3	UN1079	.....	2.3, 8	3, B14, T50, TP19	None	304	314, 315.	Forbidden	25 kg	D	40
	Sulfur dioxide solution, see Sulfurous acid.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sulfur hexafluoride	2.2	UN1080	.....	2.2 ....	.....	306	304	314, 315.	75 kg	150 kg	A	.....
	Sulfur, molten	9	NA2448	III	9	IB3, T1, TP3	None	213	247	Forbidden	Forbidden	C	61
	Sulfur, molten	4.1	UN2448	III	4.1	IB1, T1, TP3	None	213	247	Forbidden	Forbidden	C	61
	Sulfur tetrafluoride	2.3	UN2418	.....	2.3, 8	1	None	302	245	Forbidden	Forbidden	D	40
	Sulfur trioxide, stabilized	8	UN1829	I	8, 6.1	2, A7, B9, B14, B32, B49, B74, B77, N34, T20, TP4, TP12, TP13, TP25, TP26, TP38, TP45	None	227	244	Forbidden	Forbidden	A	40
D I +/-	Sulfuretted hydrogen, see Hydrogen sulfide.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sulfuric acid, fuming with less than 30 percent free sulfur trioxide.	8	UN1831	I	8	A3, A7, B84, N34, T20, TP2, TP12, TP13	None	201	243	Forbidden	2.5 L	C	14, 40
	Sulfuric acid, fuming with 30 percent or more free sulfur trioxide.	8	UN1831	I	8, 6.1	2, A3, A6, A7, B9, B14, B32, B74, B77, B84, N34, T20, TP2, TP12, TP13	None	227	244	Forbidden	Forbidden	C	14, 40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca- tion (10A)	Other (10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
+	Sulfuric acid, spent	8	UN1832	II	8	A3, A7, B2, B83, B84, IB2, N34, T8, TP2, TP12	None	202	242	Forbidden	30 L	C	14
	Sulfuric acid <i>with more than 51 percent acid.</i>	8	UN1830	II	8	A3, A7, B3, B83, B84, IB2, N34, T8, TP2, TP12	154	202	242	1 L	30 L	C	14
	Sulfuric acid <i>with not more than 51% acid.</i>	8	UN2796	II	8	A3, A7, B2, B15, IB2, N6, N34, T8, TP2, TP12	154	202	242	1 L	30 L	B	.....
	Sulfuric and hydrofluoric acid mixtures, see Hydrofluoric and sulfuric acid mixtures.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Sulfuric anhydride</i> , see Sulfur tri-oxide, stabilized.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sulfurous acid	8	UN1833	II	8	B3, IB2, T7, TP2 1, A3, B6, B9, B10, B14, B30, B74, B77, N34, T22, TP2, TP12, TP38, TP44	154	202	242	1 L Forbidden	30 L Forbidden	B C	40 40
	Sulfuryl chloride	8	UN1834	I	8, 6.1	.....	None	226	244 ....	.....	.....	.....	.....
	Sulfuryl fluoride	2.3	UN2191	.....	2.3 .....	.....	None	304	314, 315.	Forbidden	25 kg	D	40
	Tars, liquid <i>including road asphalt and oils, bitumen and cut backs.</i>	3	UN1999	II	3	B13, IB2, T3, TP3, TP29	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, B13, IB3, T1, TP3	150	203	242	60 L	220 L	A	.....
D	Tear gas candles	6.1	UN1700	II	6.1 .....	.....	None	340	None	Forbidden	50 kg	D	40
	<i>Tear gas cartridges</i> , see Ammunition, tear-producing, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tear gas devices <i>with more than 2 percent tear gas substances, by mass.</i>	6.1	NA1693	I	6.1 .....	.....	None	340	None	Forbidden	Forbidden	D	40
	<i>Tear gas devices, with not more than 2 percent tear gas substances, by mass, see Aerosols, etc.</i>	II	6.1	None	340	None	Forbidden	Forbidden	D	40

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G	Tear gas grenades, see Tear gas candles.	
G	Tear gas substances, liquid, n.o.s..	6.1	UN1693	I	6.1	IB2	None	201	None	Forbidden	Forbidden	D	40
G	Tear gas substances, solid, n.o.s..	6.1	UN1693	I	6.1	IB2	None	202	None	Forbidden	5 L	D	40
	Tellurium compound, n.o.s..	6.1	UN3284	I	6.1	IB8, IP2, IP4 IB7, IP1, T14, TP2, TP27	None	211	None	Forbidden	15 kg	D	40
				II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	None	Forbidden	25 kg	D	40
				III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	25 kg	100 kg	B	.....
										100 kg	200 kg	A	.....
	Tellurium hexafluoride	2.3	UN2195	.....	2.3, 8	1	None	302	None	Forbidden	Forbidden	D	40
	Terpene hydrocarbons, n.o.s.	3	UN2319	III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
	Terpinolene	3	UN2541	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Tetraazido benzene quinone</i>	Forbidden											.....
	Tetrabromoethane	6.1	UN2504	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Tetrachloroethane	6.1	UN1702	II	6.1	IB2, N36, T7, TP2	None	202	243	5 L	60 L	A	40
	Tetrachloroethylene	6.1	UN1897	III	6.1	IB3, N36, T4, TP1	153	203	241	60 L	220 L	A	40
	Tetraethyl dithiopyrophosphate ..	6.1	UN1704	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	D	40
	Tetraethyl silicate	3	UN1292	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Tetraethylammonium perchlorate (dry).</i>	Forbidden											.....
	Tetraethylenepentamine	8	UN2320	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	1,1,1,2-Tetrafluoroethane or Refrigerant gas R 134a.	2.2	UN3159	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Tetrafluoroethylene, stabilized ...	2.1	UN1081	.....	2.1		306	304	None	Forbidden	150 kg	E	40
	Tetrafluoromethane, compressed or Refrigerant gas R 14.	2.2	UN1982	.....	2.2		None	302	None	75 kg	150 kg	A	.....
	1,2,3,6-Tetrahydrobenzaldehyde	3	UN2498	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Tetrahydrofuran	3	UN2056	II	3	IB2, T4, TP1	None	202	242	5 L	60 L	B	.....
	Tetrahydrofurfurylamine	3	UN2943	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Tetrahydrophthalic anhydrides with more than 0.05 percent of maleic anhydride.	8	UN2698	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	1,2,3,6-Tetrahydropyridine	3	UN2410	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Tetrahydrothiophene	3	UN2412	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Tetramethylammonium hydroxide.	8	UN1835	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
	<i>Tetramethylene diperoxide dicarbamide.</i>	Forbidden											.....
	Tetramethylsilane	3	UN2749	I	3	T14, TP2	None	201	243	Forbidden	30 L	D	.....
	<i>Tetranitro diglycerin</i>	Forbidden					.....	.....	.....				.....
	Tetranitroaniline	1.1D	UN0207	II	1.1D ..		None	62	None	Forbidden	Forbidden	10

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
+	Tetranitromethane	5.1	UN1510	I	5.1, 6.1.	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP44	None	227	None	Forbidden	Forbidden	D	40, 66, 106
	2,3,4,6-Tetranitrophenol	Forbidden			.....		.....	.....	.....	.....	.....		.....
	2,3,4,6-Tetranitrophenyl methyl nitramine.	Forbidden			.....		.....	.....	.....	.....	.....		.....
	2,3,4,6-Tetranitrophenylnitramine	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Tetranitroresorcinol (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
	2,3,5,6-Tetranitroso-1,4- dinitrobenzene.	Forbidden			.....		.....	.....	.....	.....	.....		.....
	2,3,5,6-Tetranitroso nitrobenzene (dry).	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Tetrapropylorthotitanate	3	UN2413	III	3	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	.....
	Tetrazenes, see Guanyl nitrosaminoguanyl tetrazenes.				.....		.....	.....	.....	.....	.....		.....
	Tetrazine (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Tetrazol-1-acetic acid	1.4C	UN0407	II	1.4C ..		None	62	None	Forbidden	75 kg	09	.....
	1H-Tetrazole	1.1D	UN0504		1.1D ..		None	62	None	Forbidden	Forbidden	B	1E, 5E
	Tetrazoly azide (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Tetryl, see Trinitrophenylmethyl nitramine.				.....		.....	.....	.....	.....	.....		.....
	Thallium chloride	5.1	UN2573	II	5.1, 6.1.	IB6, IP2	None	212	242	5 kg	25 kg	A	56, 58, 106
	Thallium compounds, n.o.s.	6.1	UN1707	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Thallium nitrate	6.1	UN2727	II	6.1, 5.1.	IB6, IP2	None	212	242	5 kg	25 kg	A	.....
	4-Thiapentanal	6.1	UN2785	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	D	25, 49
	Thioacetic acid	3	UN2436	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Thiocarbamate pesticide, liquid, flammable, toxic, <i>flash point</i> <i>less than 23 degrees C.</i>	3	UN2772	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
	Thiocarbamate pesticide, liquid, toxic, flammable, <i>flash point</i> <i>not less than 23 degrees C.</i>	6.1	UN3005	I	6.1, 3	T14, TP2, TP13	None	201	243	1 L	30 L	B	40
				II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40

				III	6.1, 3	IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Thiocarbamate pesticide, liquid, toxic.	6.1	UN3006	I	6.1	T14, TP2, TP13	None	201	243	1 L	30 L	B	40
				II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Thiocarbamate pesticides, solid, toxic.	6.1	UN2771	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
				II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
				III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	<i>Thiocarbonylchloride, see Thiophosgene.</i>												
	Thioglycol	6.1	UN2966	II	6.1	IB2, T7, TP2 A7, B2, IB2,	None	202	243	5 L	60 L	A	.....
	Thioglycolic acid	8	UN1940	II	8	N34, T7, TP2	154	202	242	1 L	30 L	A	.....
	Thiolactic acid	6.1	UN2936	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Thionyl chloride	8	UN1836	I	8	A7, B6, B10, N34, T10, TP2, TP12, TP13	None	201	243	Forbidden	Forbidden	C	40
+	Thiophene	3	UN2414	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Thiophosgene	6.1	UN2474	II	6.1	2, A7, B9, B14, B32, B74, N33, N34, T20, TP2, TP38, TP45	None	227	244	Forbidden	Forbidden	B	26, 40
	Thiophosphoryl chloride	8	UN1837	II	8	A3, A7, B2, B8, B25, IB2, N34, T7, TP2	None	202	242	Forbidden	30 L	C	40
	Thiourea dioxide	4.2	UN3341	II	4.2	IB6, IP2	None	212	241	15 kg	50 kg	D	.....
D	Thorium metal, pyrophoric	7	UN2975	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D	.....
	Thorium nitrate, solid	7	UN2976	.....	7, 4.2		None	418	None	Forbidden	Forbidden	D	.....
	<i>Tin chloride, fuming, see Stannic chloride, anhydrous.</i>						None	419	None	Forbidden	15 kg	A	.....
	<i>Tin perchloride or Tin tetrachloride, see Stannic chloride, anhydrous.</i>												
	Tinctures, medicinal	3	UN1293	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
				III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Tinning flux, see Zinc chloride</i>												
	Titanium disulphide	4.2	UN3174	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	A	.....
	Titanium hydride	4.1	UN1871	II	4.1	A19, A20, IB4, N34	None	212	241	15 kg	50 kg	E	.....
	Titanium powder, dry	4.2	UN2546	I	4.2	A19, A20, IB6, IP2, N5, N34	None	211	242	Forbidden	Forbidden	D	.....
				II	4.2	IB8, IP3	None	212	241	15 kg	50 kg	D
				III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
	Titanium powder, wetted with not less than 25 percent water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns.	4.1	UN1352	II	4.1	A19, A20, IB6, IP2, N34	None	212	240	15 kg	50 kg	E	.....
	Titanium sponge granules or Titanium sponge powders.	4.1	UN2878	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	D	.....
+ +	Titanium tetrachloride	8	UN1838	II	8, 6.1	2, A3, A6, B7, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	C	40
	Titanium trichloride mixtures	8	UN2869	II	8	A7, IB8, IP2, IP4, N34	154	212	240	15 kg	50 kg	A	40
	.....	.....	.....	III	8	A7, IB8, IP3, N34	154	213	240	25 kg	100 kg	A	40
	Titanium trichloride, pyrophoric or Titanium trichloride mixtures, pyrophoric.	4.2	UN2441	I	4.2, 8	A7, A8, A19, A20, N34	None	181	244	Forbidden	Forbidden	D	40
	TNT mixed with aluminum, see Tritonal.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	TNT, see Trinitrotoluene, etc .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
+ +	Toluene	3	UN1294	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Toluene diisocyanate	6.1	UN2078	II	6.1	IB2, T7, TP2, TP13	None	202	243	5 L	60 L	D	25, 40
	Toluene sulfonic acid, see Alkyl, or Aryl sulfonic acid etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
+ +	Toluidines liquid	6.1	UN1708	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Toluidines solid	6.1	UN1708	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	2,4-Toluylenediamine or 2,4-Toluenediamine.	6.1	UN1709	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	Torpedoes, liquid fueled, with inert head.	1.3J	UN0450	II	1.3J ...	.....	.....	62	None	Forbidden	Forbidden	04	23E
	Torpedoes, liquid fueled, with or without bursting charge.	1.1J	UN0449	II	1.1J ...	.....	.....	62	None	Forbidden	Forbidden	04	23E

G 251	Torpedoes with bursting charge	1.1E	UN0329	II	1.1E ...		.....	62	None	Forbidden	Forbidden	03	.....
	Torpedoes with bursting charge	1.1F	UN0330	II	1.1F ...		.....	62	None	Forbidden	Forbidden	08	.....
	Torpedoes with bursting charge	1.1D	UN0451	II	1.1D ..		.....	62	None	Forbidden	Forbidden	03	.....
	Toxic liquid, corrosive, inorganic, n.o.s.	6.1	UN3289	I	6.1, 8	T14, TP2, TP13, TP27	None	201	243	0.5 L	2.5 L A	.....
				II	6.1, 8	IB2, T11, TP2, TP27	None	202	243	1 L	30 L A	.....
	Toxic liquid, corrosive, inorganic, n.o.s. <i>Inhalation Hazard, Packing Group I, Zone A.</i>	6.1	UN3289	I	6.1, 8	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	226	244	Forbidden	Forbidden	B	40
	Toxic liquid, corrosive, inorganic, n.o.s. <i>Inhalation Hazard, Packing Group I, Zone B.</i>	6.1	UN3289	I	6.1, 8	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	227	244	Forbidden	Forbidden	B	40
	Toxic liquid, inorganic, n.o.s.	6.1	UN3287	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L A	.....
				II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L A	.....
				III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L A	.....
G	Toxic liquid, inorganic, n.o.s. <i>Inhalation Hazard, Packing Group I, Zone A.</i>	6.1	UN3287	I	6.1	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	226	244	Forbidden	Forbidden	B	40
G	Toxic liquid, inorganic, n.o.s. <i>Inhalation Hazard, Packing Group I, Zone B.</i>	6.1	UN3287	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	227	244	Forbidden	Forbidden	B	40
G	Toxic liquids, corrosive, organic, n.o.s..	6.1	UN2927	I	6.1, 8	T14, TP2, TP13, TP27	None	201	243	0.5 L	2.5 L B	40	
				II	6.1, 8	IB2, T11, TP2, TP27	None	202	243	1 L	30 L B	40	
G	Toxic liquids, corrosive, organic, n.o.s., <i>inhalation hazard, Packing Group I, Zone A.</i>	6.1	UN2927	I	6.1, 8	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
G	Toxic liquids, corrosive, organic, n.o.s., <i>inhalation hazard, Packing Group I, Zone B.</i>	6.1	UN2927	I	6.1, 8	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
G	Toxic liquids, flammable, organic, n.o.s..	6.1	UN2929	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L B	40	
				II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L B	40	
G	Toxic liquids, flammable, organic, n.o.s., <i>inhalation hazard, Packing Group I, Zone A.</i>	6.1	UN2929	I	6.1, 3	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
G	Toxic liquids, flammable, organic, n.o.s., <i>inhalation hazard, Packing Group I, Zone B.</i>	6.1	UN2929	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
G	Toxic, liquids, organic, n.o.s.	6.1	UN2810	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....			II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....			III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	40
G	Toxic, liquids, organic, n.o.s. <i>Inhalation hazard, Packing Group I, Zone A.</i>	6.1	UN2810	I	6.1	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
G	Toxic, liquids, organic, n.o.s. <i>Inhalation hazard, Packing Group I, Zone B.</i>	6.1	UN2810	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
G	Toxic liquids, oxidizing, n.o.s.	6.1	UN3122	I	6.1, 5.1.	A4	None	201	243	Forbidden	2.5 L	C	.....
	.....			II	6.1, 5.1.	IB2	None	202	243	1 L	5 L	C	.....
G	Toxic liquids, oxidizing, n.o.s. <i>Inhalation hazard, Packing Group I, Zone A.</i>	6.1	UN3122	I	6.1, 5.1.	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	C	.....
G	Toxic liquids, oxidizing, n.o.s. <i>Inhalation Hazard, Packing Group I, Zone B.</i>	6.1	UN3122	I	6.1, 5.1.	2, B9, B14, B32, T20, TP2, TP13, TP38, TP44	None	227	244	Forbidden	Forbidden	C	.....
G	Toxic liquids, water-reactive, n.o.s.	6.1	UN3123	I	6.1, 4.3.	A4	None	201	243	Forbidden	1 L	E	40
	.....			II	6.1, 4.3.	IB2	None	202	243	1 L	5 L	E	40
G	Toxic liquids, water-reactive, n.o.s. <i>Inhalation hazard, packing group I, Zone A.</i>	6.1	UN3123	I	6.1, 4.3.	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	E	40

G	Toxic liquids, water-reactive, n.o.s. <i>Inhalation hazard, packing group I, Zone B.</i>	6.1	UN3123	I	6.1, 4.3.	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP44	None	227	244	Forbidden	Forbidden	E	40
G	Toxic solid, corrosive, inorganic, n.o.s..	6.1	UN3290	I	6.1, 8	IB6, IP2 IB7	None	211	242	1 kg	25 kg	A	.....
G	Toxic solid, inorganic, n.o.s.	6.1	UN3288	II	6.1, 8	IB6, IP2 IB7	None	212	242	15 kg	50 kg	A	.....
G	Toxic solid, inorganic, n.o.s.	6.1	UN3288	I	6.1	IB7	None	211	242	5 kg	50 kg	A	.....
G	Toxic solids, corrosive, organic, n.o.s..	6.1	UN2928	II	6.1	IB8, IP2, IP4 IB8, IP3	None	212	242	25 kg	100 kg	A	.....
G	Toxic solids, corrosive, organic, n.o.s..	6.1	UN2928	I	6.1, 8	IB7	153	213	240	100 kg	200 kg	A	.....
G	Toxic solids, corrosive, organic, n.o.s..	6.1	UN2928	I	6.1, 8	IB7	None	211	242	1 kg	25 kg	B	40
G	Toxic solids, flammable, organic, n.o.s..	6.1	UN2930	II	6.1, 8	IB6, IP2 IB6	None	212	242	15 kg	50 kg	B	40
G	Toxic solids, flammable, organic, n.o.s..	6.1	UN2930	I	6.1, 4.1.	IB6, IP2, IP4	None	211	242	1 kg	15 kg	B	.....
G	Toxic solids, organic, n.o.s.	6.1	UN2811	I	6.1	IB7	None	211	242	5 kg	50 kg	B	.....
G	Toxic solids, organic, n.o.s.	6.1	UN2811	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	B	.....
G	Toxic solids, oxidizing, n.o.s.	6.1	UN3086	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
G	Toxic solids, oxidizing, n.o.s.	6.1	UN3086	I	6.1, 5.1.	IB8, IP3	None	211	242	1 kg	15 kg	C	.....
G	Toxic solids, self-heating, n.o.s.	6.1	UN3124	II	6.1, 5.1.	IB6, IP2	None	212	242	15 kg	50 kg	C	.....
G	Toxic solids, self-heating, n.o.s.	6.1	UN3124	I	6.1, 4.2.	A5	None	211	242	5 kg	15 kg	D	40
G	Toxic solids, self-heating, n.o.s.	6.1	UN3124	II	6.1, 4.2.	IB6, IP2	None	212	242	15 kg	50 kg	D	40
G	Toxic solids, water-reactive, n.o.s..	6.1	UN3125	I	6.1, 4.3.	A5	None	211	242	5 kg	15 kg	D	40
G	Toxic solids, water-reactive, n.o.s..	6.1	UN3125	II	6.1, 4.3.	IB6, IP2	None	212	242	15 kg	50 kg	D	40
D	Toy Caps	1.4S	NA0337	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
D	Tracers for ammunition	1.3G	UN0212	II	1.3G ..		None	62	None	Forbidden	Forbidden	07	.....
D	Tracers for ammunition	1.4G	UN0306	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
D	Tractors, see Vehicle, etc .....												.....
D	Tri-(<i>b</i> -nitroxyethyl) ammonium nitrate.	Forbidden											.....
D	Triallyl borate	6.1	UN2609	III	6.1	IB3	153	203	241	60 L	220 L	A	13
D	Triallylamine	3	UN2610	III	3, 8	B1, IB3, T4, TP1	None	203	242	5 L	60 L	A	40
D	Triazine pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2764	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
D	Triazine pesticides, liquid, toxic	6.1	UN2998	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
D	Triazine pesticides, liquid, toxic	6.1	UN2998	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
D	Triazine pesticides, liquid, toxic	6.1	UN2998	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

	Trichlorosilane	4.3	UN1295	I	4.3, 3, 8.	A7, N34, T14, TP2, TP7, TP13	None	201	244	Forbidden	Forbidden	D	21, 28, 40, 49, 100
	Tricresyl phosphate with more than 3 percent ortho isomer.	6.1	UN2574	II	6.1	A3, IB2, N33, N34, T7, TP2	None	202	243	5 L	60 L	A	.....
	Triethyl phosphite	3	UN2323	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Triethylamine	3	UN1296	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	40
	Triethylenetetramine	8	UN2259	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	B	40
	Trifluoroacetic acid	8	UN2699	I	8	A3, A6, A7, B4, N3, N34, T10, TP2, TP12	None	201	243	0.5 L	2.5 L	B	12, 40
	Trifluorooctyl chloride	2.3	UN3057	.....	2.3, 8	2, B7, B9, B14, T50, TP21	None	304	314, 315.	Forbidden	Forbidden	D	40
	Trifluorochloroethylene, stabilized.	2.3	UN1082	.....	2.3, 2.1.	3, B14, T50	None	304	314, 315.	Forbidden	Forbidden	D	40
	1,1,1-Trifluoroethane, compressed or Refrigerant gas R 143a.	2.1	UN2035	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Trifluoromethane or Refrigerant gas R 23.	2.2	UN1984	.....	2.2		306	304	314, 315.	75 kg	150 kg	A	.....
	Trifluoromethane, refrigerated liquid.	2.2	UN3136	.....	2.2	T75, TP5	306	None	314, 315.	50 kg	500 kg	D	.....
	2-Trifluoromethylaniline	6.1	UN2942	III	6.1	IB3	153	203	241	60 L	220 L	A	.....
	3-Trifluoromethylaniline	6.1	UN2948	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
	Triformoxime trinitrate	ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Triisobutylene	3	UN2324	III	3	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	.....
	Triisopropyl borate	3	UN2616	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	A	.....
	.....	3	UN2325	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
D	Trimethoxysilane	6.1	NA9269	I	6.1, 3	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	E	40
	Trimethyl borate	3	UN2416	II	3		150	202	242	5 L	60 L	B	.....
	Trimethyl phosphite	3	UN2329	III	3	IB2, T7, TP1	150	203	242	60 L	220 L	A	.....
	1,3,5-Trimethyl-2,4,6-trinitrobenzene.	ForbIDDEN	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Trimethylacetyl chloride	6.1	UN2438	I	6.1, 8, 3.	2, A3, A6, A7, B3, B9, B14, B32, B74, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	25, 40
	Trimethylamine, anhydrous	2.1	UN1083	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Trimethylamine, aqueous solutions with not more than 50 percent trimethylamine by mass.	3	UN1297	I	3, 8	T11, TP1	None	201	243	0.5 L	2.5 L	D	40, 41
	.....	.....	.....	II	3, 8	B1, IB2, T7, TP1	None	202	243	1 L	5 L	B	40, 41
	III	3, 8	B1, IB3, T7, TP1	150	203	242	5 L	60 L	A	40, 41
	1,3,5-Trimethylbenzene	3	UN2325	III	3	B1, IB3, T2, TP1	None	203	242	60 L	220 L	A

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols (1)	Hazardous materials descrip- tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions §172.102 (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
	Trimethylchlorosilane	3	UN1298	II	3, 8	A3, A7, B77, IB2, N34, T7, TP2, TP13	None	202	243	1 L	5 L	E	40
	Trimethylcyclohexylamine	8	UN2326	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	<i>Trimethylene glycol</i> <i>diperchlorate.</i>	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	Trimethylhexamethylene diisocyanate.	6.1	UN2328	III	6.1	IB3, T4, TP2, TP13	153	203	241	60 L	220 L	B	.....
	Trimethylhexamethylenediamine-s.	8	UN2327	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	<i>Trimethylol nitromethane</i> <i>trinitrate.</i>	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	Trinitro-meta-cresol	1.1D	UN0216	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E
	2,4,6-Trinitro-1,3-diazobenzene	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	2,4,6-Trinitro-1,3,5-triazido benzene (dry).	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Trinitroacetic acid</i>	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Trinitroacetonitrile</i>	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Trinitroamine cobalt</i>	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	Trinitroaniline or Picramide	1.1D	UN0153	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitroanisole	1.1D	UN0213	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitrobenzene, dry or wetted with less than 30 percent water, by mass.	1.1D	UN0214	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitrobenzene, wetted with not less than 30 percent water, by mass.	4.1	UN1354	I	4.1	23, A2, A8, A19, N41	None	211	None	0.5 kg	0.5 kg	E	28
	Trinitrobenzenesulfonic acid	1.1D	UN0386	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E
	Trinitrobenzoic acid, dry or wetted with less than 30 percent water, by mass.	1.1D	UN0215	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitrobenzoic acid, wetted with not less than 30 percent water, by mass.	4.1	UN1355	I	4.1	23, A2, A8, A19, N41	None	211	None	0.5 kg	0.5 kg	E	28
	Trinitrochlorobenzene or Picryl chloride.	1.1D	UN0155	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	<i>Trinitroethanol</i>	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Trinitroethyl nitrate</i>	Forbidden			.....	.....	.....	.....	.....	.....	.....	.....	.....
	Trinitrofluorenone	1.1D	UN0387	II	1.1D ..		None	62	None	Forbidden	Forbidden	10

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Trinitromethane	Forbidden												
1,3,5-Trinitronaphthalene	Forbidden												
Trinitronaphthalene	1.1D	UN0217	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	
Trinitrophenetole	1.1D	UN0218	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrophenol or Picric acid, dry or wetted with less than 30 percent water, by mass.	1.1D	UN0154	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....	5E
Trinitrophenol, wetted with not less than 30 percent water, by mass.	4.1	UN1344	I	4.1	23, A8, A19, N41	None	211	None	1 kg	15 kg	E	28, 36	
2,4,6-Trinitrophenyl guanidine (dry).	Forbidden												
2,4,6-Trinitrophenyl nitramine	Forbidden												
2,4,6-Trinitrophenyl trimethylol methyl nitramine trinitrate (dry).	Forbidden												
Trinitrophenylmethylnitramine or Tetryl.	1.1D	UN0208	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitroresorcinol or Styphnic acid, dry or wetted with less than 20 percent water, or mixture of alcohol and water, by mass.	1.1D	UN0219	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....	5E
Trinitroresorcinol, wetted or Styphnic acid, wetted with not less than 20 percent water, or mixture of alcohol and water by mass.	1.1D	UN0394	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....	5E
2,4,6-Trinitroso-3-methyl nitraminoanisole.	Forbidden												
Trinitrotetraamine cobalt nitrate ...	Forbidden												
Trinitrotoluene and Trinitrobenzene mixtures or TNT and trinitrobenzene mixtures or TNT and hexanitrostilbene mixtures or Trinitrotoluene and hexanitrostilbene mixtures.	1.1D	UN0388	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrotoluene mixtures containing Trinitrobenzene and Hexanitrostilbene or TNT mixtures containing trinitrobenzene and hexanitrostilbene.	1.1D	UN0389	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass.	1.1D	UN0209	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrotoluene, wetted with not less than 30 percent water, by mass.	4.1	UN1356	I	4.1	23, A2, A8, A19, N41	None	211	None	0.5 kg	0.5 kg	E	28	
Tripropylamine	3	UN2260	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	40	

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging §173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	Loca-tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)							
	Tripropylene	3	UN2057	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Tris-(1-aziridinyl)phosphine oxide, solution.	6.1	UN2501	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	.....			II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	<i>Tris, bis-bifluoroamino diethoxy propane (TVOPA).</i>	Forbiden		III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Tritonal	1.1D	UN0390	II	1.1D ..		None	62	None	Forbiden	Forbiden	10	.....
	Tungsten hexafluoride	2.3	UN2196	.....	2.3, 8		None	338	None	Forbiden	Forbiden	D	40
	Turpentine	3	UN1299	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Turpentine substitute	3	UN1300	I	3	T11, TP1, TP8, TP27	None	201	243	1 L	30 L	B	.....
	.....			II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Undecane	3	UN2330	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	.....			III	3	B1, IB3, T2, TP1	423	420,	420, .....	.....	.....	.....	.....
D	Uranium hexafluoride, fissile excepted or non-fissile.	7	UN2978	.....	7, 8		427,	427,	427, .....	.....	.....	.....	.....
D	Uranium hexafluoride, fissile (with more than 1 percent U-235).	7	UN2977	.....	7, 8		453	417,	417, .....	.....	.....	A	.....
D	Uranium metal, pyrophoric	7	UN2979	.....	7, 4.2		None	418	None ....	.....	.....	D	.....
D	Uranyl nitrate hexahydrate solution.	7	UN2980	.....	7, 8		421,	415,	415, .....	.....	.....	D	.....
D	Uranyl nitrate, solid	7	UN2981	.....	7, 5.1		None	419	None	Forbiden	15 kg	A	.....
	Urea hydrogen peroxide	5.1	UN1511	III	5.1, 8	A1, A7, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	13
	.....			II	1.1D ..	119	None	62	None	Forbiden	Forbiden	10	.....
	Urea nitrate, dry or wetted with less than 20 percent water, by mass.	1.1D	UN0220	II	1.1D ..		.....	.....	.....	1 kg	15 kg	A	28
	Urea nitrate, wetted with not less than 20 percent water, by mass.	4.1	UN1357	I	4.1	39, A8, A19, N41	None	211	None ....	.....	.....	.....	.....
	<i>Urea peroxide, see Urea hydrogen peroxide.</i>						.....	.....	.....	.....	.....	.....	.....
	Valeraldehyde	3	UN2058	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Valeric acid, see Corrosive liquids, n.o.s..</i>						.....	.....	.....	.....	.....	.....	.....

Valeryl chloride	8	UN2502	II	8, 3	A3, A6, A7, B2, IB2, N34, T7, TP2	154	202	243	1 L	30 L	C	40
Vanadium compound, n.o.s.	6.1	UN3285	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	.....
.....	.....	.....	II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	.....
.....	.....	.....	III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	.....
Vanadium oxytrichloride	8	UN2443	II	8	A3, A6, A7, B2, B16, IB2, N34, T7, TP2	154	202	242	Forbidden	30 L	C	40
Vanadium pentoxide, non-fused form.	6.1	UN2862	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
Vanadium tetrachloride	8	UN2444	I	8	A3, A6, A7, B4, N34, T10, TP2	None	201	243	Forbidden	2.5 L	C	40
Vanadium trichloride	8	UN2475	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	40
Vanadyl sulfate	6.1	UN2931	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Vehicle, flammable gas powered	9	UN3166	.....	9	135	220	220	220	Forbidden	No limit	A	.....
Vehicle, flammable liquid powered.	9	UN3166	.....	9	135	220	220	220	No limit	No limit	A	.....
Very signal cartridge, see Cartridges, signal.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vinyl acetate, stabilized	3	UN1301	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Vinyl bromide, stabilized	2.1	UN1085	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
Vinyl butyrate, stabilized	3	UN2838	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Vinyl chloride, stabilized or Vinyl chloride, stabilized.	2.1	UN1086	.....	2.1	21, B44, T50	306	304	314, 315.	Forbidden	150 kg	B	40
Vinyl chloroacetate	6.1	UN2589	II	6.1, 3	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
Vinyl ethyl ether, stabilized	3	UN1302	I	3	A3, T11, TP2	None	201	243	1 L	30 L	D	.....
Vinyl fluoride, stabilized	2.1	UN1860	.....	2.1 ....	.....	306	304	314, 315.	Forbidden	150 kg	E	40
Vinyl isobutyl ether, stabilized	3	UN1304	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
Vinyl methyl ether, stabilized	2.1	UN1087	.....	2.1	B44, T50	306	304	314, 315.	Forbidden	150 kg	B	40
Vinyl nitrate polymer .....	.....	.....	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vinylidene chloride, stabilized	3	UN1303	I	3	T12, TP2, TP7	150	201	243	1 L	30 L	E	40
Vinylpyridines, stabilized	6.1	UN3073	II	6.1, 3, 8.	IB1, T7, TP2, TP13	None	202	243	1 L	30 L	B	40
Vinytoluenes, stabilized	3	UN2618	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Vinyltrichlorosilane, stabilized	3	UN1305	I	3, 8	A3, A7, B6, N34, T11, TP2, TP13	None	201	243	Forbidden	2.5 L	B	40
Warheads, rocket with burster or expelling charge.	1.4D	UN0370	II	1.4D ..	.....	None	62	None	Forbidden	75 kg	02	.....
Warheads, rocket with burster or expelling charge.	1.4F	UN0371	II	1.4F ..	.....	None	62	None	Forbidden	Forbidden	08	.....
Warheads, rocket with bursting charge.	1.1D	UN0286	II	1.1D	None	62	None	Forbidden	Forbidden	03

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard-class or Di- vision	Identifica-tion Num-bers	PG	Label Codes	Special provisions §172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow-age	
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Warheads, rocket <i>with bursting charge.</i>	1.2D	UN0287	II	1.2D ..		None	62	None	Forbidden	Forbidden	03	.....
	Warheads, rocket <i>with bursting charge.</i>	1.1F	UN0369	II	1.1F ...		None	62	None	Forbidden	Forbidden	08	.....
	Warheads, torpedo <i>with bursting charge.</i>	1.1D	UN0221	II	1.1D ..		None	62	None	Forbidden	Forbidden	03	.....
G	Water-reactive liquid, corrosive, n.o.s..	4.3	UN3129	I	4.3, 8		None	201	243	Forbidden	1 L	D	.....
	.....			II	4.3, 8	IB1	None	202	243	1 L	5 L	E	85
	.....			III	4.3, 8	IB2	None	203	242	5 L	60 L	E	.....
G	Water-reactive liquid, n.o.s.	4.3	UN3148	I	4.3		None	201	244	Forbidden	1 L	E	40
	.....			II	4.3	IB1	None	202	243	1 L	5 L	E	40
	.....			III	4.3	IB2	None	203	242	5 L	60 L	E	40
G	Water-reactive liquid, toxic, n.o.s..	4.3	UN3130	I	4.3, 6.1.	A4	None	201	243	Forbidden	1 L	D	.....
	.....			II	4.3, 6.1.	IB1	None	202	243	1 L	5 L	E	85
	.....			III	4.3, 6.1.	IB2	None	203	242	5 L	60 L	E	85
G	Water-reactive solid, corrosive, n.o.s..	4.3	UN3131	I	4.3, 8	IB4, IP1, N40	None	211	242	Forbidden	15 kg	D	.....
	.....			II	4.3, 8	IB6, IP2	151	212	242	15 kg	50 kg	E	85
	.....			III	4.3, 8	IB8, IP4	151	213	241	25 kg	100 kg	E	85
G	Water-reactive solid, flammable, n.o.s..	4.3	UN3132	I	4.3, 4.1.	IB4, N40	None	211	242	Forbidden	15 kg	D	.....
	.....			II	4.3, 4.1.	IB4	151	212	242	15 kg	50 kg	E	.....
	.....			III	4.3, 4.1.	IB6	151	213	241	25 kg	100 kg	E	.....
G	Water-reactive solid, n.o.s.	4.3	UN2813	I	4.3	IB4, N40	None	211	242	Forbidden	15 kg	E	40
	.....			II	4.3	IB7, IP2	151	212	242	15 kg	50 kg	E	40
G	Water-reactive, solid, oxidizing, n.o.s..	4.3	UN3133	I	4.3, 5.1.	IB8, IP4	151	213	241	25 kg	100 kg	E	40
	.....			II	4.3, 5.1.	None	214	214	Forbidden	Forbidden	E	40	
G	Water-reactive solid, self-heating, n.o.s..	4.3	UN3135	I	4.3, 4.2.	N40	None	211	242	Forbidden	15 kg	E	.....

				II	4.3, 4.2.	IB5, IP2	None	212	242	15 kg	50 kg	E	.....
				III	4.3, 4.2.	IB8, IP4	None	213	241	25 kg	100 kg	E	.....
G	Water-reactive solid, toxic, n.o.s.	4.3	UN3134	I	4.3, 6.1.	A8, IB4, IP1, N40	None	211	242	Forbidden	15 kg	D	.....
				II	4.3, 6.1.	IB5, IP2	151	212	242	15 kg	50 kg	E	85
				III	4.3, 6.1.	IB8, IP4	151	213	241	25 kg	100 kg	E	85
	<i>Wheel chair, electric, see Battery powered vehicle or Battery powered equipment.</i>												.....
	<i>White acid, see Hydrofluoric acid.</i>												.....
I	White asbestos (<i>chrysotile, actinolite, anthophyllite, tremolite</i>).	9	UN2590	III	9	IB8, IP2, IP3	155	216	240	200 kg	200 kg	A	34, 40
	Wood preservatives, liquid	3	UN1306	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	40
	Xanthates	4.2	UN3342	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40
				II	4.2	IB6, IP2	None	212	241	15 kg	50 kg	D	40
	Xenon, compressed	2.2	UN2036	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D	40
	Xenon, refrigerated liquid (<i>cryogenic liquids</i>).	2.2	UN2591	.....	2.2	T75, TP5	306	302	None	75 kg	150 kg	A	.....
							320	None	None	50 kg	500 kg	B	.....
	Xylenes	3	UN1307	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
				III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Xylenols	6.1	UN2261	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	Xylidines, solid	6.1	UN1711	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	Xylidines, solution	6.1	UN1711	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Xylyl bromide	6.1	UN1701	II	6.1	A3, A6, A7, IB2, N33, T7, TP2, TP13	None	340	None	Forbidden	60 L	D	40
	<i>p-Xylyl diazide</i>			Forbidden	.....								.....
	Zinc ammonium nitrite	5.1	UN1512	II	5.1	IB8, IP4	None	212	242	5 kg	25 kg	E	.....
	Zinc arsenate or Zinc arsenite or Zinc arsenate and zinc arsenite mixtures.	6.1	UN1712	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Zinc ashes	4.3	UN1435	III	4.3	A1, A19, IB8, IP4	151	213	241	25 kg	100 kg	A	.....
	<i>Zinc bisulfite solution, see Bisulfites, aqueous solutions, n.o.s.</i>												.....
	Zinc bromate	5.1	UN2469	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	56, 58, 106
	Zinc chlorate	5.1	UN1513	II	5.1	A9, IB8, IP2, IP4, N34	152	212	242	5 kg	25 kg	A	56, 58, 106
	Zinc chloride, anhydrous	8	UN2331	III	8	IB8, IP3	None	213	240	25 kg	100 kg	A

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard-class or Di- vision (3)	Identifica-tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (\$173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep-tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca-tion (10A)	Other (10B)
Zinc chloride, solution	8 UN1840	III	8	I 6.1 9	None	IB3, T4, TP1 IB7, IP1 IB8	154	203	241	5 L 5 kg 100 kg	60 L 50 kg 200 kg	A	..... 26 49
Zinc cyanide	6.1 UN1713	I	6.1				None	211	242				
Zinc dithionite or Zinc hydro-sulfite.	9 UN1931	III	.....				155	204	240				
Zinc ethyl, see Diethylzinc .....	.....	.....	.....							
Zinc fluorosilicate	6.1 UN2855	III	6.1			IB8, IP3	153	213	240	100 kg	200 kg	A	26
Zinc hydrosulfite, see Zinc dithionite.	.....	.....	.....							
Zinc muritate solution, see Zinc chloride, solution.	.....	.....	.....							
Zinc nitrate	5.1 UN1514	II	5.1			IB8, IP4	152	212	240	5 kg	25 kg	A	.....
Zinc permanganate	5.1 UN1515	II	5.1			IB6, IP2	152	212	242	5 kg	25 kg	D	56, 58, 69, 106, 107
Zinc peroxide	5.1 UN1516	II	5.1			IB6, IP2	152	212	242	5 kg	25 kg	A	13, 75, 106
Zinc phosphide	4.3 UN1714	I	4.3, 6.1.			A19, N40	None	211	None	Forbidden	15 kg	E	40, 85
Zinc powder or Zinc dust	4.3 UN1436	I	4.3, 4.2.			A19, IB4, IP1, N40	None	211	242	Forbidden	15 kg	A	.....
.....	.....	II	4.3, 4.2.			A19, IB7, IP2	None	212	242	15 kg	50 kg	A	.....
.....	.....	III	4.3, 4.2.			IB8, IP4	None	213	242	25 kg	100 kg	A	.....
Zinc resinate	4.1 UN2714	III	4.1			A1, IB6	151	213	240	25 kg	100 kg	A	.....
Zinc selenate, see Selenates or Selenites.	.....	.....	.....							
Zinc selenite, see Selenates or Selenites.	.....	.....	.....							
Zinc silicofluoride, see Zinc fluorosilicate.	.....	.....	.....							
Zirconium, dry, coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns).	4.1 UN2858	III	4.1			A1, IB8	151	213	240	25 kg	100 kg	A	.....
Zirconium, dry, finished sheets, strip or coiled wire.	4.2 UN2009	III	4.2			A1, A19, IB8	None	213	240	25 kg	100 kg	D

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Zirconium hydride	4.1	UN1437	II	4.1	A19, A20, IB4, N34	None	212	240	15 kg	50 kg	E
Zirconium nitrate	5.1	UN2728	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A
Zirconium picramate, dry or wetted with less than 20 percent water, by mass.	1.3C	UN0236	II	1.3C ..		None	62	None	Forbidden	Forbidden	10	5E
Zirconium picramate, wetted with not less than 20 percent water, by mass.	4.1	UN1517	I	4.1	23, N41	None	211	None	1 kg	15 kg	D	28, 36
Zirconium powder, dry	4.2	UN2008	I	4.2		None	211	242	Forbidden	Forbidden	D	.....
.....	.....	.....	II	4.2	A19, A20, IB6, IP2, N5, N34	None	212	241	15 kg	50 kg	D	.....
Zirconium powder, wetted with not less than 25 percent water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns.	4.1	UN1358	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D	.....
.....	.....	.....	II	4.1	A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	E	.....
Zirconium scrap	4.2	UN1932	III	4.2	IB8, IP3, N34	None	213	240	Forbidden	Forbidden	D	.....
Zirconium suspended in a liquid	3	UN1308	I	3		None	201	243	Forbidden	Forbidden	B	.....
.....	.....	.....	II	3	IB2	None	202	242	5 L	60 L	B	.....
.....	III	3	B1, IB2	150	203	242	60 L	220 L	B
Zirconium tetrachloride	8	UN2503	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A

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EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 172.101, see the List of CFR Sections Affected in the Finding Aids section of this volume.

APPENDIX A TO § 172.101—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

1. This appendix lists materials and their corresponding reportable quantities (RQ's) that are listed or designated as "hazardous substances" under section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. 9601(14) (CERCLA; 42 U.S.C. 9601 *et seq.*). This listing fulfills the requirement of CERCLA, 42 U.S.C. 9656(a), that all "hazardous substances," as defined in 42 U.S.C. 9601(14), be listed and regulated as hazardous materials under 49 U.S.C. 5101-5127. That definition includes substances listed under sections 311(b)(2)(A) and 307(a) of the Federal Water Pollution Control Act, 33 U.S.C. 1321(b)(2)(A) and 1317(a), section 3001 of the Solid Waste Disposal Act, 42 U.S.C. 6921, and section 112 of the Clean Air Act, 42 U.S.C. 7412. In addition, this list contains materials that the Administrator of the Environmental Protection Agency has determined to be hazardous substances in accordance with section 102 of CERCLA, 42 U.S.C. 9602. It should be noted that 42 U.S.C. 9656(b) provides that common and contract carriers may be held liable under laws other than CERCLA for the release of a hazardous substance as defined in that Act, during transportation that commenced before the effective date of the listing and regulating of that substance as a hazardous material under 49 U.S.C. 5101-5127.

2. This appendix is divided into two TABLES which are entitled "TABLE 1—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES" and "TABLE 2—RADIONUCLIDES." A material listed in this appendix is regulated as a hazardous material and a hazardous substance under this subchapter if it meets the definition of a hazardous substance in § 171.8 of this subchapter.

3. The procedure for selecting a proper shipping name for a hazardous substance is set forth in § 172.101(c).

4. Column 1 of TABLE 1, entitled "*Hazardous substance*", contains the names of those elements and compounds that are hazardous substances. Following the listing of elements and compounds is a listing of waste streams. These waste streams appear on the list in numerical sequence and are referenced by the appropriate "D", "F", or "K" numbers. Column 2 of TABLE 1, entitled "*Reportable quantity (RQ)*", contains the reportable

quantity (RQ), in pounds and kilograms, for each hazardous substance listed in Column 1 of TABLE 1.

5. A series of notes is used throughout TABLE 1 and TABLE 2 to provide additional information concerning certain hazardous substances. These notes are explained at the end of each TABLE.

6. TABLE 2 lists radionuclides that are hazardous substances and their corresponding RQ's. The RQ's in table 2 for radionuclides are expressed in units of curies and terabecquerels, whereas those in table 1 are expressed in units of pounds and kilograms. If a material is listed in both table 1 and table 2, the lower RQ shall apply. Radionuclides are listed in alphabetical order. The RQ's for radionuclides are given in the radiological unit of measure of curie, abbreviated "Ci", followed, in parentheses, by an equivalent unit measured in terabecquerels, abbreviated "TBq".

7. For mixtures of radionuclides, the following requirements shall be used in determining if a package contains an RQ of a hazardous substance: (i) if the identity and quantity (in curies or terabecquerels) of each radionuclide in a mixture or solution is known, the ratio between the quantity per package (in curies or terabecquerels) and the RQ for the radionuclide must be determined for each radionuclide. A package contains an RQ of a hazardous substance when the sum of the ratios for the radionuclides in the mixture or solution is equal to or greater than one; (ii) if the identity of each radionuclide in a mixture or solution is known but the quantity per package (in curies or terabecquerels) of one or more of the radionuclides is unknown, an RQ of a hazardous substance is present in a package when the total quantity (in curies or terabecquerels) of the mixture or solution is equal to or greater than the lowest RQ of any individual radionuclide in the mixture or solution; and (iii) if the identity of one or more radionuclides in a mixture or solution is unknown (or if the identity of a radionuclide by itself is unknown), an RQ of a hazardous substance is present when the total quantity (in curies or terabecquerels) in a package is equal to or greater than either one curie or the lowest RQ of any known individual radionuclide in the mixture or solution, whichever is lower.

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Acenaphthene	100 (45.4)
Acenaphthylene	5000 (2270)
Acetaldehyde	1000 (454)
Acetaldehyde, chloro-	1000 (454)
Acetaldehyde, trichloro-	5000 (2270)
Acetamide	100 (45.4)
Acetamide, N-(aminothioxomethyl)-	1000 (454)
Acetamide, N-(4-ethoxyphenyl)-	100 (45.4)
Acetamide, N-fluoren-2-yl-	1 (0.454)
Acetamide, 2-fluoro-	100 (45.4)
Acetic acid	5000 (2270)
Acetic acid (2,4-dichlorophenoxy)-	100 (45.4)
Acetic acid, ethyl ester	5000 (2270)
Acetic acid, fluoro-, sodium salt	10 (4.54)
Acetic acid, lead (2+) salt	10 (4.54)
Acetic acid, thallium(+) salt	1000 (454)
Acetic anhydride	5000 (2270)
Acetone	5000 (2270)
Acetone cyanohydrin	10 (4.54)
Acetonitrile	5000 (2270)
Acetophenone	5000 (2270)
2-Acetylaminofluorene	1 (0.454)
Acetyl bromide	5000 (2270)
Acetyl chloride	5000 (2270)
1-Acetyl-2-thiourea	1 (0.454)
Acrolein	1 (0.454)
Acrylamide	5000 (2270)
Acrylic acid	5000 (2270)
Acrylonitrile	100 (45.4)
Adipic acid	5000 (2270)
AldicarbD1 (0.454).	
Aldrin	1 (0.454)
Allyl alcohol	100 (45.4)
Allyl chloride	1000 (454)
Aluminum phosphide	100 (45.4)
Aluminum sulfate	5000 (2270)
4-Aminobiphenyl	1 (0.454)
5-(Aminomethyl)-3-isoxazolol	1000 (454)
4-Aminopyridine	1000 (454)
Amitrole	10 (4.54)
Ammonia	100 (45.4)
Ammonium acetate	5000 (2270)
Ammonium benzoate	5000 (2270)
Ammonium bicarbonate	5000 (2270)
Ammonium bichromate	10 (4.54)
Ammonium bifluoride	100 (45.4)
Ammonium bisulfite	5000 (2270)
Ammonium carbamate	5000 (2270)
Ammonium carbonate	5000 (2270)
Ammonium chloride	5000 (2270)
Ammonium chromate	10 (4.54)
Ammonium citrate, dibasic	5000 (2270)
Ammonium dichromate @	10 (4.54)
Ammonium fluoroborate	5000 (2270)
Ammonium fluoride	100 (45.4)
Ammonium hydroxide	1000 (454)
Ammonium oxalate	5000 (2270)
Ammonium picrate	10 (4.54)
Ammonium silicofluoride	1000 (454)
Ammonium sulfamate	5000 (2270)
Ammonium sulfide	100 (45.4)
Ammonium sulfite	5000 (2270)
Ammonium tartrate	5000 (2270)
Ammonium thiocyanate	5000 (2270)
Ammonium vanadate	1000 (454)
Amyl acetate	5000 (2270)
iso-Amyl acetate	
sec-Amyl acetate	
tert-Amyl acetate	
Aniline	5000 (2270)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
o-Anisidine	100 (45.4)
Anthracene	5000 (2270)
Antimony ℓ	5000 (2270)
Antimony pentachloride	1000 (454)
Antimony potassium tartrate	100 (45.4)
Antimony tribromide	1000 (454)
Antimony trichloride	1000 (454)
Antimony trifluoride	1000 (454)
Antimony trioxide	1000 (454)
Argentate(1-), bis(cyano-C)-, potassium	1 (0.454)
Aroclor 1016	1 (0.454)
Aroclor 1221	1 (0.454)
Aroclor 1232	1 (0.454)
Aroclor 1242	1 (0.454)
Aroclor 1248	1 (0.454)
Aroclor 1254	1 (0.454)
Aroclor 1260	1 (0.454)
Arsenic ℓ	1 (0.454)
Arsenic acid	1 (0.454)
Arsenic acid H ₃ AsO ₄	1 (0.454)
Arsenic disulfide	1 (0.454)
Arsenic oxide As203	1 (0.454)
Arsenic oxide As205	1 (0.454)
Arsenic pentoxide	1 (0.454)
Arsenic trichloride	1 (0.454)
Arsenic trioxide	1 (0.454)
Arsenic trisulfide	1 (0.454)
Arsine, diethyl-	1 (0.454)
Arsinic acid, dimethyl-	1 (0.454)
Arsonous dichloride, phenyl-	1 (0.454)
Asbestos $\ell\ell$	1 (0.454)
Auramine100 (45.4).	
Azaserine	1 (0.454)
Aziridine	1 (0.454)
Aziridine, 2-methyl-	1 (0.454)
Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6- amino-8-[(aminocarbonyl)oxy] methyl]-1,1a,2,8,8a, 8b-hexahydro-8a-methoxy-5-methyl-, [1aS-[aalpha,8beta,8alpha,8beta]-]	10 (4.54)
Barium cyanide	10 (4.54)
Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	10 (4.54)
Benz[c]acridine	100 (45.4)
3,4-Benzacridine	100 (45.4)
Benzal chloride	5000 (2270)
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)	5000 (2270)
Benz[a]anthracene	10 (4.54)
1,2-Benzanthracene	10 (4.54)
Benz[a]anthracene, 7,12-dimethyl-	1 (0.454)
Benzenamine	5000 (2270)
Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl-	100 (45.4)
Benzenamine, 4-chloro-	1000 (454)
Benzenamine, 4-chloro-2-methyl-, hydrochloride	100 (45.4)
Benzenamine, N,N-dimethyl-4-(phenylazo)-	10 (4.54)
Benzenamine, 2-methyl-	100 (45.4)
Benzenamine, 4-methyl-	100 (45.4)
Benzenamine, 4,4'-methylenebis(2-chloro-	10 (4.54)
Benzenamine, 2-methyl-, hydrochloride	100 (45.4)
Benzenamine, 2-methyl-5-nitro-	100 (45.4)
Benzenamine, 4-nitro-	5000 (2270)
Benzene	10 (4.54)
Benzene, 1-bromo-4-phenoxy-	100 (45.4)
Benzene, chloro-	100 (45.4)
Benzene, chloromethyl-	100 (45.4)
Benzene, 1,2-dichloro-	100 (45.4)
Benzene, 1,3-dichloro-	100 (45.4)
Benzene, 1,4-dichloro-	100 (45.4)
Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-	1 (0.454)
Benzene, dichloromethyl-	5000 (2270)
Benzene, 1,3-disiocyanatomethyl	100 (45.4)
Benzene, dimethyl-	100 (45.4)
Benzene, m-dimethyl-	1000 (454)
Benzene, o-dimethyl-	1000 (454)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Benzene, p-dimethyl-	100 (45.4)
Benzene, hexachloro-	10 (4.54)
Benzene, hexahydro-	1000 (454)
Benzene, hydroxy-	1000 (454)
Benzene, methyl-	1000 (454)
Benzene, 1-methyl-2,4-dinitro-	10 (4.54)
Benzene, 2-methyl-1,3-dinitro-	100 (45.4)
Benzene, 1-methylethyl-	5000 (2270)
Benzene, nitro-	1000 (454)
Benzene, pentachloro-	10 (4.54)
Benzene, pentachloronitro-	100 (45.4)
Benzene, 1,2,4,5-tetrachloro-	5000 (2270)
Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-	1 (0.454)
Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy)-	1 (0.454)
Benzene, (trichloromethyl)	10 (4.54)
Benzene, 1,3,5-trinitro-	10 (4.54)
Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester	10 (4.54)
Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-	10 (4.54)
Benzenediamine, ar-methyl-	10 (4.54)
1,2-Benzenedicarboxylic acid, [bis(2-ethylhexyl)] ester	100 (45.4)
1,2-Benzenedicarboxylic acid, dibutyl ester	10 (4.54)
1,2-Benzenedicarboxylic acid, diethyl ester	1000 (454)
1,2-Benzenedicarboxylic acid, dimethyl ester	5000 (2270)
1,2-Benzenedicarboxylic acid, dioctyl ester	5000 (2270)
1,3-Benzenediol	5000 (2270)
1,2-Benzenediol,4-[1-hydroxy-2-(methylamino)ethyl]-	1000 (454)
Benzeneethanamine, alpha,alpha-dimethyl-	5000 (2270)
Benzenesulfonic acid chloride	100 (45.4)
Benzenesulfonyl chloride	100 (45.4)
Benzenethiol	100 (45.4)
Benzidine	1 (0.454)
1,2-Benzothiazol-3(2H)-one,1,1-dioxide	100 (45.4)
Benz[a]anthracene	10 (4.54)
1,3-Benzodioxole, 5-(2-propenyl)-	100 (45.4)
1,3-Benzodioxole, 5-(1-propenyl)-	100 (45.4)
1,3-Benzodioxole, 5-propyl-	10 (4.54)
Benz[b]fluoranthene	1 (0.454)
Benz[k]fluoranthene	5000 (2270)
Benz[l]fluorene	100 (45.4)
Benzoic acid	5000 (2270)
Benzonitrile	5000 (2270)
Benzol[g,h,i]perylene	5000 (2270)
2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations greater than 0.3%	100 (45.4)
Benzol[a]pyrene	1 (0.454)
3,4-Benzopyrene	1 (0.454)
p-Benzozuquione	10 (4.54)
Benzol[rst]pentaphene	10 (4.54)
Benzotrichloride	10 (4.54)
Benzoyl chloride	1000 (454)
1,2-Benzphenanthrene	100 (45.4)
Benzyl chloride	100 (45.4)
Beryllium ϕ	10 (4.54)
Beryllium chloride	1 (0.454)
Beryllium dust ϕ	10 (4.54)
Beryllium fluoride	1 (0.454)
Beryllium nitrate	1 (0.454)
alpha - BHC	10 (4.54)
beta - BHC	1 (0.454)
delta - BHC	1 (0.454)
gamma - BHC	1 (0.454)
2,2'Bioxirane	10 (4.54)
Biphenyl	100 (45.4)
(1,1'-Biphenyl)-4,4'-diamine	1 (0.454)
(1,1'-Biphenyl)-4,4'-diamine,3,3'-dichloro-	1 (0.454)
(1,1'-Biphenyl)-4,4'-diamine,3,3'-dimethoxy-	10 (4.54)
(1,1'-Biphenyl)-4,4'-diamine,3,3'-dimethyl-	10 (4.54)
Bis(2-chloroethoxy) methane	1000 (454)
Bis(2-chloroethyl) ether	10 (4.54)
Bis(2-ethylhexyl)phthalate	100 (45.4)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Bromoacetone	1000 (454)
Bromoform	100 (45.4)
4-Bromophenyl phenyl ether	100 (45.4)
Brucine	100 (45.4)
1,3-Butadiene	10 (4.54)
1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	1 (0.454)
1-Butanamine, N-butyl-N-nitroso-	10 (4.54)
1-Butanol	5000 (2270)
2-Butanone	5000 (2270)
2-Butanone, 3,3-dimethyl-1-(methylthio)-O-[(methylamino)carbonyl] oxime	100 (45.4)
2-Butanone peroxide	10 (4.54)
2-Butenal	100 (45.4)
2-Butene, 1,4-dichloro-	1 (0.454)
2-Butenoic acid, 2-methyl-,7|[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrolizin-1-yl ester, [1S-[1alpha(Z),7(2S*, 3R*), 7alpha]]-	10 (4.54)
Butyl acetate	5000 (2270)
iso-Butyl acetate .....	.....
sec-Butyl acetate .....	.....
tert-Butyl acetate .....	.....
n-Butyl alcohol	5000 (2270)
Butylamine	1000 (454)
iso-Butylamine .....	.....
sec-Butylamine .....	.....
tert-Butylamine .....	.....
Butyl benzyl phthalate	100 (45.4)
n-Butyl phthalate	10 (4.54)
Butyric acid	5000 (2270)
iso-Butyric acid .....	.....
Cacodylic acid	1 (0.454)
Cadmium $\ddot{\text{s}}$	10 (4.54)
Cadmium acetate	10 (4.54)
Cadmium bromide	10 (4.54)
Cadmium chloride	10 (4.54)
Calcium arsenate	1 (0.454)
Calcium arsenite	1 (0.454)
Calcium carbide	10 (4.54)
Calcium chromate	10 (4.54)
Calcium cyanamide	1000 (454)
Calcium cyanide	10 (4.54)
Calcium cyanide $\text{Ca}(\text{CN})_2$	10 (4.54)
Calcium dodecylbenzene sulfonate	1000 (454)
Calcium hypochlorite	10 (4.54)
Camphepane, octachloro-	1 (0.454)
Captan	10 (4.54)
Carbamic acid, ethyl ester	100 (45.4)
Carbamic acid, methylnitroso-, ethyl ester	1 (0.454)
Carbamatic chloride, dimethyl-	1 (0.454)
Carbamide, thio-	10 (4.54)
Carbamimidoselenoic acid	1000 (454)
Carbamothioic acid, bis (1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester	100 (45.4)
Carbaryl	100 (45.4)
Carbofuran	10 (4.54)
Carbon bisulfide	100 (45.4)
Carbon disulfide	100 (45.4)
Carbonic acid, dithallium (I+)	100 (45.4)
Carbonic dichloride	10 (4.54)
Carbonic difluoride	1000 (454)
Carbononchloridic acid, methyl ester	1000 (454)
Carbon oxyfluoride	1000 (454)
Carbon tetrachloride	10 (4.54)
Carbynyl sulfide	100 (45.4)
Catechol	100 (45.4)
Chloral	5000(2270)
Chloramben	100 (45.4)
Chlorambucil	10 (4.54)
Chlordane	1 (0.454)
Chlordane, alpha & gamma isomers	1 (0.454)
Chlordane, technical	1 (0.454)
Chlorine	10 (4.54)
Chlornaphazine	100 (45.4)

TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Chloroacetaldehyde	1000 (454)
Chloroacetic acid	100 (45.4)
2-Chloroacetophenone	100 (45.4)
p-Chloroaniline	1000 (454)
Chlorobenzene	100 (45.4)
Chlorobenzilate	10 (4.54)
4-Chloro-m-cresol	5000 (2270)
p-Chloro-m-cresol	5000 (2270)
Chlorodibromomethane	100 (45.4)
Chloroethane	100 (45.4)
2-Chloroethyl vinyl ether	1000 (454)
Chloroform	10 (4.54)
Chloromethane	100 (45.4)
Chloromethyl methyl ether	1 (0.454)
beta-Chloronaphthalene	5000 (2270)
2-Chloronaphthalene	5000 (2270)
2-Chlorophenol	100 (45.4)
o-Chlorophenol	100 (45.4)
4-Chlorophenyl phenyl ether	5000 (2270)
1-(o-Chlorophenyl)thiourea	100 (45.4)
Chloroprene	100 (45.4)
3-Chloropropionitrile	1000 (454)
Chlorosulfonic acid	1000 (454)
4-Chloro-o-toluidine, hydrochloride	100 (45.4)
Chlorpyrifos	1 (0.454)
Chromic acetate	1000 (454)
Chromic acid	10 (4.54)
Chromic acid H ₂ CrO ₄ , calcium salt	10 (4.54)
Chromic sulfate	1000 (454)
Chromium 6	5000 (2270)
Chromous chloride	1000 (454)
Chrysene	100 (45.4)
Cobaltous bromide	1000 (454)
Cobaltous formate	1000 (454)
Cobaltous sulfamate	1000 (454)
Coke Oven Emissions	1 (0.454)
Copper 6	5000 (2270)
Copper chloride @	10 (4.54)
Copper cyanide	10 (4.54)
Copper cyanide CuCN	10 (4.54)
Coumaphos	10 (4.54)
Creosote	1 (0.454)
Cresols (isomers and mixture)	100 (45.4)
m-Cresol	100 (45.4)
o-Cresolo	100 (45.4)
p-Cresol	100 (45.4)
Cresylic acid (isomers and mixture)	100 (45.4)
m-Cresylic acid	100 (45.4)
o-Cresylic acid	100 (45.4)
p-Cresylic acid	100 (45.4)
Crotonaldehyde	100 (45.4)
Cumene	5000 (2270)
Cupric acetate	100 (45.4)
Cupric acetoarsenite	1 (0.454)
Cupric chloride	10 (4.54)
Cupric nitrate	100 (45.4)
Cupric oxalate	100 (45.4)
Cupric sulfate	10 (4.54)
Cupric sulfate ammoniated	100 (45.4)
Cupric tartrate	100 (45.4)
Cyanides (soluble salts and complexes) not otherwise specified	10 (4.54)
Cyanogen	100 (45.4)
Cyanogen bromide	1000 (454)
Cyanogen bromide (CN)Br	1000 (454)
Cyanogen chloride	10 (4.54)
Cyanogen chloride (CN)Cl	10 (4.54)
2,5-Cyclohexadiene-1,4-dione	10 (4.54)
Cyclohexane	1000 (454)
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)-	1 (0.454)
Cyclohexanone	5000 (2270)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
2-Cyclohexyl-4,6-dinitrophenol	100 (45.4)
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	10 (4.54)
Cyclophosphamide	10 (4.54)
2,4-D Acid	100 (45.4)
2,4-D Ester	100 (45.4)
Daunomycin	10 (4.54)
DDD	1 (0.454)
4,4'-DDD	1 (0.454)
DDE	1 (0.454)
4,4'-DDE	1 (0.454)
DDT	1 (0.454)
4,4'-DDT	1 (0.454)
Diallate	100 (45.4)
Diamine	1 (0.454)
Diazinon	1 (0.454)
Diazomethane	100 (45.4)
Dibenz[a,h]anthracene	1 (0.454)
1,2,5,6-Dibenzanthracene	1 (0.454)
Dibenzo[a,h]anthracene	1 (0.454)
Dibenzofuran	100 (45.4)
Dibenz[a,i]pyrene	10 (4.54)
1,2-Dibromo-3-chloropropane	1 (0.454)
Dibutyl phthalate	10 (4.54)
Di-n-butyl phthalate	10 (4.54)
Dicamba	1000 (454)
Dichlobenil	100 (45.4)
Dichlone	1 (0.454)
Dichlorobenzene	100 (45.4)
1,2-Dichlorobenzene	100 (45.4)
1,3-Dichlorobenzene	100 (45.4)
1,4-Dichlorobenzene	100 (45.4)
m-Dichlorobenzene	100 (45.4)
o-Dichlorobenzene	100 (45.4)
p-Dichlorobenzene	100 (45.4)
3,3'-Dichlorobenzidine	1 (0.454)
Dichlorobromomethane	5000 (2270)
1,4-Dichloro-2-butene	1 (0.454)
Dichlorodifluoromethane	5000 (2270)
1,1-Dichloroethane	1000 (454)
1,2-Dichloroethane	100 (45.4)
1,1-Dichloroethylene	100 (45.4)
1,2-Dichloroethylene	1000 (454)
Dichloroethyl ether	10 (4.54)
Dichloroisopropyl-ether	1000 (454)
Dichloromethane @	1000 (454)
Dichloromethoxy ethane	1000 (454)
Dichloromethyl ether	1 (0.454)
2,4-Dichlorophenol	100 (45.4)
2,6-Dichlorophenol	100 (45.4)
Dichlorophenylarsine	1 (0.454)
Dichloropropane	1000 (454)
1,1-Dichloropropane .....	.....
1,3-Dichloropropane .....	.....
1,2-Dichloropropane	1000 (454)
Dichloropropane - Dichloropropene (mixture)	100 (45.4)
Dichloropropene	100 (45.4)
2,3-Dichloropropene .....	.....
1,3-Dichloropropene	100 (45.4)
2,2-Dichloropropionic acid	5000 (2270)
Dichlorvos	10 (4.54)
Dicofol	10 (4.54)
Dieldrin	1 (0.454)
1,2,3,4-Diepoxybutane	10 (4.54)
Diethanolamine	100 (45.4)
Diethylamine	1000 (454)
N,N-diethylaniline	1000 (454)
Diethylarsine	1 (0.454)
1,4-Diethylendioxide	100 (45.4)
Diethylhexyl phthalate	100 (45.4)
N,N'-Diethylhydrazine	10 (4.54)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
O,O-Diethyl S-methyl dithiophosphate	5000 (2270)
Diethyl-p-nitrophenyl phosphate	100 (45.4)
Diethyl phthalate	1000(454)
O,O-Diethyl O-pyrazinyl phosphorothioate	100 (45.4)
Diethylstilbestrol	1 (0.454)
Diethyl sulfate	10 (4.54)
Dihydrosafrole	10 (4.54)
Diisopropyl fluorophosphate	100 (45.4)
1,4,5,8-Dimethanophthalene	1 (0.454)
1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro, (1alpha,4alpha,4beta,5beta,8beta,8beta)-	1 (0.454)
1,4,5,8-Dimethanophthalene,1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro- (1alpha,4alpha,4beta,5alpha,8alpha,8beta)-	1 (0.454)
2,7:3,6-Dimethanaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a- octahydro-,(1alpha,2beta,2beta,3alpha,6alpha,6beta,	1 (0.454)
2,7:3,6-Dimethanaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a- octahydro-,(1alpha,2beta,2alpha,3beta,6beta,6alpha,	1 (0.454)
Dimethoate	1 (0.454)
3,3'-Dimethoxybenzidine	10 (4.54)
Dimethylamine	1000 (454)
p-Dimethylaminoazobenzene	10 (4.54)
N,N-dimethylaniline	100 (45.4)
7,12-Dimethylbenz[a]anthracene	1 (0.454)
3,3'-Dimethylbenzidine	10 (4.54)
alpha,alpha-Dimethylbenzylhydroperoxide	10 (4.54)
Dimethylcarbamoyl chloride	1 (0.454)
Dimethylformamide	100 (45.4)
1,1-Dimethylhydrazine	10 (4.54)
1,2-Dimethylhydrazine	1 (0.454)
Dimethylhydrazine, unsymmetrical @	10 (4.54)
alpha,alpha-Dimethylphenethylamine	5000 (2270)
12,4-Dimethylphenol	100 (45.4)
Dimethyl phthalate	5000 (2270)
Dimethyl sulfate	100 (45.4)
Dinitrobenzene (mixed)	100 (45.4)
m-Dinitrobenzene .....	.....
o-Dinitrobenzene .....	.....
p-Dinitrobenzene .....	.....
4,6-Dinitro-o-cresol and salts	10 (4.54)
Dinitrogen tetroxide @	10 (4.54)
Dinitrophenol	10 (4.54)
2,5-Dinitrophenol .....	.....
2,4-Dinitrophenol	10 (4.54)
Dinitrotoluene	10 (4.54)
3,4-Dinitrotoluene .....	.....
2,4-Dinitrotoluene	10 (4.54)
2,6-Dinitrotoluene	100 (45.4)
Dinoseb	1000 (454)
Di-n-octyl phthalate	5000 (2270)
1,4-Dioxane	100 (45.4)
1,2-Diphenylhydrazine	10 (4.54)
Diphosphoramido, octamethyl-	100 (45.4)
Diphosphoric acid, tetraethyl ester	10 (4.54)
Dipropylamine	5000 (2270)
Di-n-propylnitrosamine	10 (4.54)
Disquat	1000 (454)
Disulfoton	1 (0.454)
Dithiobiuret	100 (45.4)
Diuron	100 (45.4)
Dodecybenzenesulfonic acid	1000 (454)
2,4-D, salts and esters	100 (45.4)
Endosulfan	1 (0.454)
alpha-Endosulfan	1 (0.454)
beta-Endosulfan	1 (0.454)
Endosulfan sulfate	1 (0.454)
Endothall	1000 (454)
Endrin	1 (0.454)
Endrin, & metabolites	1 (0.454)
Endrin aldehyde	1 (0.454)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Epichlorohydrin	100 (45.4)
Epinephrine	1000 (454)
1,2-Epoxybutane	100 (45.4)
Ethanal	1000 (454)
Ethanamine, N-ethyl-N-nitroso-	1 (0.454)
Ethane, 1,2-dibromo-	1 (0.454)
Ethane, 1,1-dichloro-	1000 (454)
Ethane, 1,2-dichloro-	100 (45.4)
Ethane, hexachloro-	100 (45.4)
Ethane, 1,1'-(methylenebis(oxy))bis(2-chloro-	1000 (454)
Ethane, 1,1'-oxybis-	100 (45.4)
Ethane, 1,1'-oxybis(2-chloro-	10 (4.54)
Ethane, pentachloro-	10 (4.54)
Ethane, 1,1,1,2-tetrachloro-	100 (45.4)
Ethane, 1,1,2,2-tetrachloro-	100 (45.4)
Ethane, 1,1,2-trichloro-	100 (45.4)
Ethane, 1,1,1-trichloro-	1000 (454)
1,2-Ethanediamine, N,N-dimethyl-N'-pyridinyl-N'-(2-thienyl-methyl)-	5000 (2270)
Ethanenitrile	100 (45.4)
Ethanenitrile	5000 (2270)
Ethanethioamide	10 (4.54)
Ethanimidothioic acid, N-[(methylamino)carbonyl] oxy-, methyl ester	100 (45.4)
Ethanol, 2-ethoxy-	1000 (454)
Ethanol, 2,2'-(nitrosoimino)bis-	1 (0.454)
Ethanone, 1-phenyl-	5000 (2270)
Ethanol, 2-ethoxy-	5000 (2270)
Ethanol, 2-ethoxy-	1 (0.454)
Ethene, chloro-	1000 (454)
Ethene, 2-chloroethoxy-	100 (45.4)
Ethene, 1,1-dichloro-	1000 (454)
Ethene, 1,2-dichloro- (E)	100 (45.4)
Ethene, tetrachloro-	100 (45.4)
Ethene, trichloro-	100 (45.4)
Ethion	10 (4.54)
Ethyl acetate	5000 (2270)
Ethyl acrylate	1000 (454)
Ethylbenzene	1000 (454)
Ethyl carbamate (Urethan)	100 (45.4)
Ethyl chloride @	100 (45.4)
Ethyl cyanide	10 (4.54)
Ethylene dibromide	1 (0.454)
Ethylene dichloride	100 (45.4)
Ethylene glycol	5000 (2270)
Ethylene glycol monoethyl ether	1000 (454)
Ethylene oxide	10 (4.54)
Ethylenedithiocarbamic acid	5000 (2270)
Ethylenedithiocarbamic acid, salts and esters	5000 (2270)
Ethylenediamine	5000 (2270)
Ethylenediamine tetraacetic acid (EDTA)	5000 (2270)
Ethylenethiourea	10 (4.54)
Ethylenimine	1 (0.454)
Ethyl ether	100 (45.4)
Ethyldene dichloride	1000 (454)
Ethyl methacrylate	1000 (454)
Ethyl methanesulfonate	1 (0.454)
Ethyl methyl ketone @	5000 (2270)
Famphurdimethylester	1000 (454)
Ferric ammonium citrate	1000 (454)
Ferric ammonium oxalate	1000 (454)
Ferric chloride	1000 (454)
Ferric fluoride	100 (45.4)
Ferric nitrate	1000 (454)
Ferric sulfate	1000 (454)
Ferrous ammonium sulfate	1000 (454)
Ferrous chloride	100 (45.4)
Ferrous sulfate	1000 (454)
Fluoranthene	100 (45.4)
Fluorene	5000 (2270)
Fluorine	10 (4.54)
Fluoroacetamide	100 (45.4)
Fluoroacetic acid, sodium salt	10 (4.54)

TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Formaldehyde	100 (45.4)
Formic acid	5000 (2270)
Fulminic acid, mercury(2+)salt	10 (4.54)
Fumaric acid	5000 (2270)
Furan	100 (45.4)
Furan, tetrahydro-	1000 (454)
2-Furancarboxaldehyde	5000 (2270)
2,5-Furandione	5000 (2270)
Furfural	5000 (2270)
Furfuran	100 (45.4)
Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-	1 (0.454)
D-Glucose, 2-deoxy-2-[{[methylnitroamino]-carbonyl]amino}-	1 (0.454)
Glycidylaldehyde	10 (4.54)
Guanidine, N-methyl-N'-nitro-N-nitroso-	10 (4.54)
Guthion	1 (0.454)
Heptachlor	1 (0.454)
Heptachlor epoxide	1 (0.454)
Hexachlorobenzene	10 (4.54)
Hexachlorobutadiene	1 (0.454)
Hexachlorocyclohexane (gamma isomer)	1 (0.454)
Hexachlorocyclopentadiene	10 (4.54)
Hexachloroethane	100 (45.4)
1,2,3,4,10-10-Hexachloro-1,4,4a,5,8a-hexahydro-1,4:5,8-endo,exo-dimethanonaphthalene	1 (0.454)
Hexachlorophene	100 (45.4)
Hexachloropropene	1000 (454)
Hexaethyl tetraphosphate	100 (45.4)
Hexamethylene-1,6-diisocyanate	100 (45.4)
Hexamethylphosphoramide	1 (0.454)
Hexane	5000 (2270)
Hydrazine	1 (0.454)
Hydrazine, 1,2-diethyl-	10 (4.54)
Hydrazine, 1,1-dimethyl-	10 (4.54)
Hydrazine, 1,2-dimethyl-	1 (0.454)
Hydrazine, 1,2-diphenyl-	10 (4.54)
Hydrazine, methyl-	10 (4.54)
Hydrazinecarbothioamide	100 (45.4)
Hydrochloric acid	5000 (2270)
Hydrocyanic acid	10 (4.54)
Hydrofluoric acid	100 (45.4)
Hydrogen chloride	5000 (2270)
Hydrogen cyanide	10 (4.54)
Hydrogen fluoride	100 (45.4)
Hydrogen phosphide	100 (45.4)
Hydrogen sulfide	100 (45.4)
Hydrogen sulfide H ₂ S	100 (45.4)
Hydroperoxide, 1-methyl-1-phenylethyl-	10 (4.54)
Hydroquinone	100 (45.4)
2-Imidazolidinethione	10 (4.54)
Indeno(1,2,3-cd)pyrene	100 (45.4)
1,3-Isobenzofurandione	5000 (2270)
Isobutyl alcohol	5000 (2270)
Isodrin	1 (0.454)
Isophorone	5000 (2270)
Isoprene	100 (45.4)
Isopropanolamine dodecylbenzene sulfonate	1000 (454)
Isosafrole	100 (45.4)
3(2H)-Isoxazolone, 5-(aminomethyl)-	1000 (454)
Keponedecachloroc-tahydro-	1 (0.454)
Lasiocarpine	10 (4.54)
Lead †	10 (4.54)
Lead acetate	10 (4.54)
Lead arsenate	1 (0.454)
Lead, bis(acetato-O)tetrahydroxytri	10 (4.54)
Lead chloride	10 (4.54)
Lead fluoborate	10 (4.54)
Lead fluoride	10 (4.54)
Lead iodide	10 (4.54)
Lead nitrate	10 (4.54)
Lead phosphate	10 (4.54)
Lead stearate	10 (4.54)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Lead subacetate	10 (4.54)
Lead sulfate	10 (4.54)
Lead sulfide	10 (4.54)
Lead thiocyanate	10 (4.54)
Lindane	1 (0.454)
Lithium chromate	10 (4.54)
Malathion	100 (45.4)
Maleic acid	5000 (2270)
Maleic anhydride	5000 (2270)
Maleic hydrazide	5000 (2270)
Malononitrile	1000 (454)
MDI	5000 (2270)
Melphalan	1 (0.454)
Mercaptodimethur	10 (4.54)
Mercuric cyanide	1 (0.454)
Mercuric nitrate	10 (4.54)
Mercuric sulfate	10 (4.54)
Mercuric thiocyanate	10 (4.54)
Mercurous nitrate	10 (4.54)
Mercury	1 (0.454)
Mercury, (acetato-O)phenyl-	100 (45.4)
Mercury fulminate	10 (4.54)
Methacrylonitrile	1000 (454)
Methanamine, N-methyl-	1000 (454)
Methanamine, N-methyl-N-nitroso	10 (4.54)
Methane, bromo-	1000 (454)
Methane, chloro-	100 (45.4)
Methane, chloromethoxy-	1 (0.454)
Methane, dibromo-	1000 (454)
Methane, dichloro-	1000 (454)
Methane, dichlorodifluoro-	5000 (2270)
Methane, iodo-	100 (45.4)
Methane, isocyanato-	10 (4.54)
Methane, oxybis(chloro-	1 (0.454)
Methane, tetrachloro-	10 (4.54)
Methane, tetrtnitro-	10 (4.54)
Methane, tribromo-	100 (45.4)
Methane, trichloro-	10 (4.54)
Methane, trichlorofluoro-	5000 (2270)
Methanesulfenyl chloride, trichloro-	100 (45.4)
Methanesulfonic acid, ethyl ester	1 (0.454)
Methanethiol	100 (45.4)
6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide	1 (0.454)
Methanoic acid	5000 (2270)
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-a,4,7,7a-tetrahydro-	1 (0.454)
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	1 (0.454)
Methanol	5000 (2270)
Methaprylene	5000 (2270)
1,3,4-Metheno-2H-cyclobutal[cd]-pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachloroctahydro-	1 (0.454)
Methomyl	100 (45.4)
Methoxychlor	1 (0.454)
Methyl alcohol	5000 (2270)
Methyl amine @	100 (45.4)
Methyl bromide	1000 (454)
1-Methylbutadiene	100 (45.4)
Methyl chloride	100 (45.4)
Methyl chlorocarbonate	1000 (454)
Methyl chloroform	1000 (454)
Methyl chloroformate	1000 (454)
Methylchloromethyl ether @	1 (0.454)
3-Methylcholanthrene	10 (4.54)
4,4'-Methylenebis(2-chloroaniline)	10 (4.54)
Methylene bromide	1000 (454)
Methylene chloride	1000 (454)
4,4'-Methylenedianiline	10 (4.54)
Methylene diphenyl diisocyanate	5000 (2270)
Methylene oxide	100 (45.4)
Methyl ethyl ketone (MEK)	5000 (2270)
Methyl ethyl ketone peroxide	10 (4.54)
Methyl hydrazine	10 (4.54)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Methyl iodide	100 (45.4)
Methyl isobutyl ketone	5000 (2270)
Methyl isocyanate	10 (4.54)
2-Methylacrylonitrile	10 (4.54)
Methyl mercaptan	100 (45.4)
Methyl methacrylate	1000 (454)
Methyl parathion	100 (45.4)
4-Methyl-2-pentanone	5000 (2270)
Methyl tert-butyl ether	1000 (454)
Methylthiouracil	10 (4.54)
Mevinphos	10 (4.54)
Mexacarbate	1000 (454)
Mitomycin C	10 (4.54)
MNNG	10 (4.54)
Monoethylamine	100 (45.4)
Monomethylamine	100 (45.4)
Muscimol	1000 (454)
Naled	10 (4.54)
5,12-Naphthacenedione, 8-acetyl-10-[3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl] oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	10 (4.54)
Naphthalenamine, N,N-bis(2-chloroethyl)-	100 (45.4)
Naphthalene	100 (45.4)
Naphthalene, 2-chloro-	5000 (2270)
1,4-Naphthalenedione	5000 (2270)
2,7-Naphthalenedisulfonic acid, 3,3'-(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-dyl)-bis(5-amino-4-hydroxy)- tetrasodium salt	10 (4.54)
Naphthenic acid	100 (45.4)
1,4-Naphthoquinone	5000 (2270)
alpha-Naphthylamine	100 (45.4)
beta-Naphthylamine	1 (0.454)
1-Naphthylamine	100 (45.4)
2-Naphthylamine	1 (0.454)
alpha-Naphthylthiourea	100 (45.4)
Nickel ϕ	100 (45.4)
Nickel ammonium sulfate	100 (45.4)
Nickel carbonyl	10 (4.54)
Nickel carbonyl Ni(CO)4,(T-4)-	10 (4.54)
Nickel chloride	100 (45.4)
Nickel cyanide	10 (4.54)
Nickel cyanide Ni(CN)2	10 (4.54)
Nickel hydroxide	10 (4.54)
Nickel nitrate	100 (45.4)
Nickel sulfate	100 (45.4)
Nicotine and salts	100 (45.4)
Nitric acid	1000 (454)
Nitric acid, thallium(1+) salt	100 (45.4)
Nitric oxide	10 (4.54)
p-Nitroaniline	5000 (2270)
Nitrobenzene	1000 (454)
4-nitrobiphenyl	10 (4.54)
Nitrogen dioxide	10 (4.54)
Nitrogen oxide NO	10 (4.54)
Nitrogen oxide NO ₂	10 (4.54)
Nitroglycerine	10 (4.54)
Nitrophenol (mixed)	100 (45.4)
m- .....	.....
o- .....	.....
p- .....	.....
o-Nitrophenol	100 (45.4)
p-Nitrophenol	100 (45.4)
2-Nitrophenol	100 (45.4)
4-Nitrophenol	100 (45.4)
2-Nitropropane	10 (4.54)
N-Nitrosodi-n-butylamine	10 (4.54)
N-Nitrosodiethanolamine	1 (0.454)
N-Nitrosodiethylamine	1 (0.454)
N-Nitrosodimethylamine	10 (4.54)
N-Nitrosodiphenylamine	100 (45.4)
N-Nitroso-N-ethylurea	1 (0.454)
N-Nitroso-N-methylurea	1 (0.454)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
N-Nitroso-N-methylurethane	1 (0.454)
N-Nitrosomethylvinylamine	10 (4.54)
n-Nitrosomorpholine	1 (0.454)
N-Nitrosopiperidine	10 (4.54)
N-Nitrosopyrrolidine	1 (0.454)
Nitrotoluene	1000 (454)
m-Nitrotoluene .....	.....
o-Nitrotoluene .....	.....
p-Nitrotoluene .....	.....
5-Nitro-o-toluidine	100 (45.4)
Octamethylpyrophosphoramide	100 (45.4)
Osmium oxide OsO ₄ (T-4)	1000 (454)
Osmium tetroxide	1000 (454)
7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	1000 (454)
1,2-Oxathiolane, 2,2-dioxide	10 (4.54)
2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	10 (4.54)
Oxirane	10 (4.54)
Oxiranecarboxyaldehyde	10 (4.54)
Oxirane, (chloromethyl)-	100 (45.4)
Paraformaldehyde	1000 (454)
Paraldehyde	1000 (454)
Parathion	10 (4.54)
Pentachlorobenzene	10 (4.54)
Pentachloroethane	10 (4.54)
Pentachloronitrobenzene (PCNB)	100 (45.4)
Pentachlorophenol	10 (4.54)
1,3-Pentadiene	100 (45.4)
Perchloroethylene	100 (45.4)
Perchloromethyl mercaptan @	100 (45.4)
Phenacetin	100 (45.4)
Phenanthrene	5000 (2270)
Phenol	1000 (454)
Phenol, 2-chloro-	100 (45.4)
Phenol, 4-chloro-3-methyl-	5000 (2270)
Phenol, 2-cyclohexyl-4,6-dinitro-	100 (45.4)
Phenol, 2,4-dichloro-	100 (45.4)
Phenol, 2,6-dichloro-	100 (45.4)
Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)	1 (0.454)
Phenol, 2,4-dimethyl-	100 (45.4)
Phenol, 2,4-dinitro-	10 (4.54)
Phenol, methyl-	100 (45.4)
Phenol, 2-methyl-4,6-dinitro-	10 (4.54)
Phenol, 2,2'-methylenebis[3,4,6-trichloro-	100 (45.4)
Phenol, 2-(1-methylpropyl)-4,6-dinitro	1000 (454)
Phenol, 4-nitro-	100 (45.4)
Phenol, pentachloro-	10 (4.54)
Phenol, 2,3,4,6-tetrachloro-	10 (4.54)
Phenol, 2,4,5-trichloro-	10 (4.54)
Phenol, 2,4,6-trichloro-	10 (4.54)
Phenol, 2,4,6-trinitro-, ammonium salt	10 (4.54)
L-Phenylalanine, 4-[bis(2-chloroethyl)amino]	1 (0.454)
p-Phenylenediamine	5000 (2270)
1,10-(1,2-Phenylene)pyrene	100 (45.4)
Phenyl mercaptan @	100 (45.4)
Phenylmercuric acetate	100 (45.4)
Phenylthiourea	100 (45.4)
Phorate	10 (4.54)
Phosgene	10 (4.54)
Phosphine	100 (45.4)
Phosphoric acid	5000 (2270)
Phosphoric acid, diethyl 4-nitrophenyl ester	100 (45.4)
Phosphoric acid, lead(2+) salt (2:3)	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl]ester	1 (0.454)
Phosphorodithioic acid, O,O-diethyl S-(ethylthio), methyl ester	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-methyl ester	5000 (2270)
Phosphorodithioic acid, O,O-dimethyl S-[2 (methylamino)-2-oxoethyl] ester	10 (4.54)
Phosphorofluoridic acid, bis(1-methylethyl) ester	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	10 (4.54)
Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	100 (45.4)
Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester	100 (45.4)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Phosphorothioic acid, O,[4-[(dimethylamino)sulfonyl] phenyl] O,O-dimethyl ester	1000 (454)
Phosphorus	1 (0.454)
Phosphorus oxychloride	1000 (454)
Phosphorus pentasulfide	100 (45.4)
Phosphorus sulfide	100 (45.4)
Phosphorus trichloride	1000 (454)
Phthalic anhydride	5000 (2270)
2-Picoline	5000 (2270)
Piperidine, 1-nitro-	10 (4.54)
Plumbane, tetraethyl-	10 (4.54)
POLYCHLORINATED BIPHENYLS (PCBs)	1 (0.454)
Potassium arsenate	1 (0.454)
Potassium arsenite	1 (0.454)
Potassium bichromate	10 (4.54)
Potassium chromate	10 (4.54)
Potassium cyanide	10 (4.54)
Potassium cyanide K(CN)	10 (4.54)
Potassium hydroxide	1000 (454)
Potassium permanganate	100 (45.4)
Potassium silver cyanide	1 (0.454)
Pronamide	5000 (2270)
Propanal, 2-methyl-2-(methylthio)-O-[(methylamino)carbonyl]oxime	1 (0.454)
1-Propanamine	5000 (2270)
1-Propanamine, N-nitroso-N-propyl-	10 (4.54)
1-Propanamine, N-propyl-	5000 (2270)
Propane, 1,2-dibromo-3-chloro-	1 (0.454)
Propane, 1,2-dichloro-	1000 (454)
Propane, 2-nitro-	10 (4.54)
Propane, 2,2'-oxybis [2-chloro-	1000 (454)
1,3-Propane sultone	10 (4.54)
Propanenitrile	1000 (454)
Propanenitrile	10 (4.54)
Propanenitrile, 3-chloro-	1000 (454)
Propanenitrile, 2-hydroxy-2-methyl-	10 (4.54)
1,2,3-Propanetriol, trinitrate	10 (4.54)
1-Propanol, 2,3-dibromo-, phosphate (3:1)	10 (4.54)
1-Propanol, 2-methyl-	5000 (2270)
2-Propanone	5000 (2270)
2-Propanone, 1-bromo-	1000 (454)
Propargite	10 (4.54)
Propargyl alcohol	1000 (454)
2-Propenal	1 (0.454)
2-Propenamide	5000 (2270)
1-Propene, 1,3-dichloro-	100 (45.4)
1-Propene, 1,1,2,3,3,3-hexachloro-	1000 (454)
2-Propenenitrile	100 (45.4)
2-Propenenitrile, 2-methyl-	1000 (454)
2-Propenoic acid	5000 (2270)
2-Propenoic acid, ethyl ester	1000 (454)
2-Propenoic acid, 2-methyl-, ethyl ester	1000 (454)
2-Propenoic acid, 2-methyl-, methyl ester	1000 (454)
2-Propen-1-ol	100 (45.4)
beta-Propionaldehyde	1000 (454)
Propionic acid	5000 (2270)
Propionic acid, 2-(2,4,5-trichlorophenoxy)-	100 (45.4)
Propionic anhydride	5000 (2270)
Propoxur (baygon)	100 (45.4)
n-Propylamine	5000 (2270)
Propylene dichloride	1000 (454)
Propylene oxide	100 (45.4)
1,2-Propylenimine	1 (0.454)
2-Propyn-1-ol	1000 (454)
Pyrene	5000 (2270)
Pyrethrins	1 (0.454)
3,6-Pyridazine-dione, 1,2-dihydro-	5000 (2270)
4-Pyridinamine	1000 (454)
Pyridine	1000 (454)
Pyridine, 2-methyl-	5000 (2270)
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)	100 (45.4)
2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	10 (4.54)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	10 (4.54)
Pyrrolidine, 1-nitroso-	1 (0.454)
Quinoline	5000 (2270)
RADIONUCLIDES	See table 2
Reserpine	5000 (2270)
Resorcinol	5000 (2270)
Saccharin and salts	100 (45.4)
Safrole	100 (45.4)
Selenious acid	10 (4.54)
Selenious acid, dithallium(1+) salt	1000 (454)
Selenium $\ddot{\text{C}}$	100 (45.4)
Selenium dioxide	10 (4.54)
Selenium oxide	10 (4.54)
Selenium sulfide	10 (4.54)
Selenium sulfide SeS ₂	10 (4.54)
Selenourea	1000 (454)
L-Serine, diazoacetate (ester)	1 (0.454)
Silver $\ddot{\text{C}}$	1000 (454)
Silver cyanide	1 (0.454)
Silver cyanide Ag(CN)	1 (0.454)
Silver nitrate	1 (0.454)
Silvex(2,4,5-TP)	100 (45.4)
Sodium	10 (4.54)
Sodium arsenite	1 (0.454)
Sodium arsenite	1 (0.454)
Sodium azide	1000 (454)
Sodium bichromate	10 (4.54)
Sodium bifluoride	100 (45.4)
Sodium bisulfite	5000 (2270)
Sodium chromate	10 (4.54)
Sodium cyanide	10 (4.54)
Sodium cyanide Na(CN)	10 (4.54)
Sodium dodecylbenzene sulfonate	1000 (454)
Sodium fluoride	1000 (454)
Sodium hydrosulfide	5000 (2270)
Sodium hydroxide	1000 (454)
Sodium hypochlorite	100 (45.4)
Sodium methylate	1000 (454)
Sodium nitrite	100 (45.4)
Sodium phosphate, dibasic	5000 (2270)
Sodium phosphate, tribasic	5000 (2270)
Sodium selenite	100 (45.4)
Streptozotocin	1 (0.454)
Strontrium chromate	10 (4.54)
Strychnidin-10-one	10 (4.54)
Strychnidin-10-one, 2,3-dimethoxy-	100 (45.4)
Strychnine and salts	10 (4.54)
Styrene	1000 (454)
Styrene oxide	100 (45.4)
Sulfur chloride @	1000 (454)
Sulfur monochloride	1000 (454)
Sulfur phosphide	100 (45.4)
Sulfuric acid	1000 (454)
Sulfuric acid, dimethyl ester	100 (45.4)
Sulfuric acid, dithallium(I+) salt	100 (45.4)
2,4,5-T	1000 (454)
2,4,5-T acid	1000 (454)
2,4,5-T amines	5000 (2270)
2,4,5-T esters	1000 (454)
2,4,5-T salts	1000 (454)
TDE	1 (0.454)
1,2,4,5-Tetrachlorobenzene	5000 (2270)
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1 (0.454)
1,1,1,2-Tetrachloroethane	100 (45.4)
1,1,2,2-Tetrachloroethane	100 (45.4)
Tetrachloroethane @	100 (45.4)
Tetrachloroethylene	100 (45.4)
Tetrachloroethylene	100 (45.4)
2,3,4,6-Tetrachlorophenol	10 (4.54)
Tetraethyl lead	10 (4.54)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Tetraethyl pyrophosphate	10 (4.54)
Tetraethylidithiopyrophosphate	100 (45.4)
Tetrahydrofuran	1000 (454)
Tetrabromomethane	10 (4.54)
Tetraphosphoric acid, hexaethyl ester	100 (45.4)
Thallium oxide	100 (45.4)
Thallium ϵ	1000 (454)
Thallium(I) acetate	100 (45.4)
Thallium(I) carbonate	100 (45.4)
Thallium(I) chloride	100 (45.4)
Thallium chloride TICl	100 (45.4)
Thallium(I) nitrate	100 (45.4)
Thallium oxide T1203	100 (45.4)
Thallium selenite	1000 (454)
Thallium(I) sulfate	100 (45.4)
Thiopacetamide	10 (4.54)
Thiodiphosphoric acid, tetraethyl ester	100 (45.4)
Thiofanox	100 (45.4)
Thioimidodicarbonic diamide $[(H_2N)C(S)]_2NH$	100 (45.4)
Thiomethanol	100 (45.4)
Thioperoxydicarbonic diamide $[(H_2N)C(S)]_2S_2$, tetramethyl-	10 (4.54)
Thiophenol	100 (45.4)
Thiocsemicarbazide	100 (45.4)
Thiourea	10 (4.54)
Thiourea, (2-chlorophenyl)-	100 (45.4)
Thiourea, 1-naphthalenyl-	100 (45.4)
Thiourea, phenyl-	100 (45.4)
Thiran	10 (4.54)
Titanium tetrachloride	1000 (454)
Toluene	1000 (454)
Toluenediamine	10 (4.54)
Toluene diisocyanate	100 (45.4)
o-Toluidine	100 (45.4)
p-Toluidine	100 (45.4)
o-Toluidine hydrochloride	100 (45.4)
Toxaphene	1 (0.454)
2,4,5-TP acid	100 (45.4)
2,4,5-TP acid esters	100 (45.4)
1H-1,2,4-Triazol-3-amine	10 (4.54)
2,4,6-Tribromophenol	100
K140	100
K156	1
K157	1
K158	1
K169	10
K170	1
K171	1
K172	1
Trichlorfon	100 (45.4)
1,2,4-Trichlorobenzene	100 (45.4)
1,1,1-Trichlorethane	1000 (454)
1,1,2-Trichlorethane	100 (45.4)
Trichloroethylene	100 (45.4)
Trichloroethylene	100 (45.4)
Trichloromethanesulfonyl chloride	100 (45.4)
Trichloromonofluoromethane	5000 (2270)
Trichlorophenol	10 (4.54)
2,3,4-Trichlorophenol .....	.....
2,3,5-Trichlorophenol .....	.....
2,3,6-Trichlorophenol .....	.....
2,4,5-Trichlorophenol .....	.....
2,4,6-Trichlorophenol .....	.....
3,4,5-Trichlorophenol .....	.....
2,4,5-Trichlorophenol	10 (4.54)
2,4,6-Trichlorophenol	10 (4.54)
Triethanolamine dodecylbenzene sulfonate	1000 (454)
Triethylamine	5000 (2270)
Trifluralin	10 (4.54)
Trimethylamine	100 (45.4)
2,2,4-Trimethylpentane	1000 (454)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
1,3,5-Trinitrobenzene	10 (4.54)
1,3,5-Trioxane, 2,4,6-trimethyl-	1000 (454)
Tris(2,3-dibromopropyl) phosphate	10 (4.54)
Trypan blue	10 (4.54)
Uracil mustard	10 (4.54)
Uranyl acetate	100 (45.4)
Uranyl nitrate	100 (45.4)
Urea, N-ethyl-N-nitroso-	1 (0.454)
Urea, N-methyl-N-nitroso-	1 (0.454)
Vanadic acid, ammonium salt	1000 (454)
Vanadium oxide V ₂ O ₅	1000 (454)
Vanadium pentoxide	1000 (454)
Vanadyl sulfate	1000 (454)
Vinyl acetate	5000 (2270)
Vinyl acetate monomer	5000 (2270)
Vinylamine, N-methyl-N-nitroso-	10 (4.54)
Vinyl bromide	100 (45.4)
Vinyl chloride	1 (0.454)
Vinylidene chloride	100 (45.4)
Warfarin, & salts, when present at concentrations greater than 0.3%	100 (45.4)
Xylene	100 (45.4)
m-Xylene	1000 (454)
o-Xylene	1000 (454)
p-Xylene	100 (45.4)
Xylene (mixed)	100 (45.4)
Xylenes (isomers and mixture)	100 (45.4)
Xylenol	1000 (454)
Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha,18beta,20alpha)-	5000 (2270)
Zinc ¢	1000 (454)
Zinc acetate	1000 (454)
Zinc ammonium chloride	1000 (454)
Zinc borate	1000 (454)
Zinc bromide	1000 (454)
Zinc carbonate	1000 (454)
Zinc chloride	1000 (454)
Zinc cyanide	10 (4.54)
Zinc cyanide Zn(CN) ₂	10 (4.54)
Zinc fluoride	1000 (454)
Zinc formate	1000 (454)
Zinc hydrosulfite	1000 (454)
Zinc nitrate	1000 (454)
Zinc phenolsulfonate	5000 (2270)
Zinc phosphide	100 (45.4)
Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10%	100 (45.4)
Zinc silicofluoride	5000 (2270)
Zinc sulfate	1000 (454)
Zirconium nitrate	5000 (2270)
Zirconium potassium fluoride	1000 (454)
Zirconium sulfate	5000 (2270)
Zirconium tetrachloride	5000 (2270)
D001 Unlisted Hazardous Wastes Characteristic of Ignitability	100 (45.4)
D002 Unlisted Hazardous Wastes Characteristic of Corrosivity	100 (45.4)
D003 Unlisted Hazardous Wastes Characteristic of Reactivity	100 (45.4)
D004-D043 Unlisted Hazardous Wastes Characteristic of Toxicity	100 (45.4)
D004 Arsenic	1 (0.454)
D005 Barium	1000 (454)
D006 Cadmium	10 (4.54)
D007 Chromium	10 (4.54)
D008 Lead	10 (4.54)
D009 Mercury	1 (0.454)
D010 Selenium	10 (4.54)
D011 Silver	1 (0.454)
D012 Endrin	1 (0.454)
D013 Lindane	1 (0.454)
D014 Methoxychlor	1 (0.454)
D015 Toxaphene	1 (0.454)
D016 2,4-D	100 (45.4)
D017 2,4,5-TP	100 (45.4)
D018 Benzene	10 (4.54)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
D019 Carbon tetrachloride	10 (4.54)
D020 Chlordane	1 (0.454)
D021 Chlorobenzene	100 (45.4)
D022 Chloroform	10 (4.54)
D023 o-Cresol	100 (45.4)
D024 m-Cresol	100 (45.4)
D025 p-Cresol	100 (45.4)
D026 Cresol	100 (45.4)
D027 1,4-Dichlorobenzene	100 (45.4)
D028 1,2-Dichloroethane	100 (45.4)
D029 1,1-Dichloroethylene	100 (45.4)
D030 2,4-Dinitrotoluene	10 (4.54)
D031 Heptachlor (and hydroxide)	1 (0.454)
D032 Hexachlorobenzene	10 (4.54)
D033 Hexachlorobutadiene	1 (0.454)
D034 Hexachloroethane	100 (45.4)
D035 Methyl ethyl ketone	5000 (2270)
D036 Nitrobenzene	1000 (454)
D037 Pentachlorophenol	10 (4.54)
D038 Pyridine	1000 (454)
D039 Tetrachloroethylene	100 (45.4)
D040 Trichloroethylene	100 (45.4)
D041 2,4,5-Trichlorophenol	10 (4.54)
D042 2,4,6-Trichlorophenol	10 (4.54)
D043 Vinyl chloride	1 (0.454)
F001	
The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the below listed halogenated solvents or those solvents listed in F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	
(a) Tetrachloroethylene	10 (4.54)
(b) Trichloroethylene	100 (45.4)
(c) Methylene chloride	100 (45.4)
(d) 1,1,1-Trichloroethane	1000 (454)
(e) Carbon tetrachloride	100 (45.4)
(f) Chlorinated fluorocarbons	5000 (2270)
F002	
The following spent halogenated solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the below listed halogenated solvents or those listed in F001, F004, F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.	
(a) Tetrachloroethylene	10 (4.54)
(b) Methylene chloride	100 (45.4)
(c) Trichloroethylene	1000 (454)
(d) 1,1,1-Trichloroethane	100 (45.4)
(e) Chlorobenzene	1000 (454)
(f) 1,1,2-Trichloro-1,2,2-trifluoroethane	100 (45.4)
(g) o-Dichlorobenzene	5000 (2270)
(h) Trichlorofluoromethane	100 (45.4)
(i) 1,1,2 Trichloroethane	5000 (2270)
F003	
The following spent non-halogenated solvents and solvents:	
(a) Xylene	100 (45.4)
(b) Acetone	1000 (454)
(c) Ethyl acetate	5000 (2270)
(d) Ethylbenzene	5000 (2270)
(e) Ethyl ether	1000 (454)
(f) Methyl isobutyl ketone	100 (45.4)
(g) n-Butyl alcohol	5000 (2270)
(h) Cyclohexanone	5000 (2270)
(i) Methanol	5000 (2270)
F004	
The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:	
(a) Cresols/Cresylic acid	1000 (454)
(b) Nitrobenzene	100 (45.4)
F005	
The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:	
(a) Toluene	100 (45.4)
(b) Methyl ethyl ketone	1000 (454)
(c) Carbon disulfide	5000 (2270)
(d) Isobutanol	100 (45.4)
	5000 (2270)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
(e) Pyridine	1000 (454)
F006 Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum, (2) tin plating on carbon steel, (3) zinc plating (segregated basis) on carbonsteel, (4) aluminum or zinc-aluminum plating on carbon steel, (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel, and (6) chemical etching and milling of aluminum	10 (4.54)
F007 Spent cyanide plating bath solutions from electroplating operations	10 (4.54)
F008 Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process	10 (4.54)
F009 Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process	10 (4.54)
F010 Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process	10 (4.54)
F011 Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations (except for precious metals heat treating spent cyanide solutions from salt bath pot cleaning)	10 (4.54)
F012 Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process	10 (4.54)
F019 Wastewater treatment sludges from the chemical conversion coating of aluminum—except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process	10 (4.54)
F020 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)	1 (0.454)
F021 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.	1 (0.454)
F022 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.	1 (0.454)
F023 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)	1 (0.454)
F024 Wastes, including but not limited to distillation residues, heavy ends, tars, and reactor cleanout wastes, from the production of chlorinated aliphatic hydrocarbons, having carbon content from one to five, utilizing free radical catalyzed processes. (This listing does not include light ends, spent filters and filter aids, spent dessicants(sic), wastewater, wastewater treatment sludges, spent catalysts, and wastes listed in 40 CFR 261.32.)	1 (0.454)
F025 Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution	1 (0.454)
F026 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions	1 (0.454)
F027 Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)	1 (0.454)
F028 Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027.	1 (0.454)
F032	1 (0.454)
F034	1 (0.454)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
F035	1 (0.454)
F037	1 (0.454)
F038	1 (0.454)
F039	1 (0.454)
Multi-source leachate	1 (0.454)
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments
K003	Wastewater treatment sludge from the production of molybdate orange pigments
K004	Wastewater treatment sludge from the production of zinc yellow pigments
K005	Wastewater treatment sludge from the production of chrome green pigments
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated)
K007	Wastewater treatment sludge from the production of iron blue pigments
K008	Oven residue from the production of chrome oxide green pigments
K009	Distillation bottoms from the production of acetaldehyde from ethylene
K010	Distillation side cuts from the production of acetaldehyde from ethylene
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile
K015	Still bottoms from the distillation of benzyl chloride
K016	Heavy ends or distillation residues from the production of carbon tetrachloride
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin
K018	Heavy ends from the fractionation column in ethyl chloride production
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production
K021	Aqueous spent antimony catalyst waste from fluoromethanes production
K022	Distillation bottom tars from the production of phenol/acetone from cumene
K023	Distillation light ends from the production of phthalic anhydride from naphthalene
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene
K026	Stripping still tails from the production of methyl ethyl pyridines
K027	Centrifuge and distillation residues from toluene diisocyanate production
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene
K031	By-product salts generated in the production of MSMA and cacodylic acid
K032	Wastewater treatment sludge from the production of chlordane
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
K034	10 (4.54)
Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane	10 (4.54)
K035	1 (0.454)
Wastewater treatment sludges generated in the production of creosote	1 (0.454)
K036	1 (0.454)
Still bottoms from toluene reclamation distillation in the production of disulfoton	1 (0.454)
K037	1 (0.454)
Wastewater treatment sludges from the production of disulfoton	1 (0.454)
K038	10 (4.54)
Wastewater from the washing and stripping of phorate production	10 (4.54)
K039	10 (4.54)
Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate	10 (4.54)
K040	10 (4.54)
Wastewater treatment sludge from the production of phorate	10 (4.54)
K041	1 (0.454)
Wastewater treatment sludge from the production of toxaphene	1 (0.454)
K042	10 (4.54)
Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T	10 (4.54)
K043	10 (4.54)
2,6-dichlorophenol waste from the production of 2,4-D	10 (4.54)
K044	10 (4.54)
Wastewater treatment sludges from the manufacturing and processing of explosives	10 (4.54)
K045	10 (4.54)
Spent carbon from the treatment of wastewater containing explosives	10 (4.54)
K046	10 (4.54)
Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds	10 (4.54)
K047	10 (4.54)
Pink/red water from TNT operations	10 (4.54)
K048	10 (4.54)
Dissolved air flotation (DAF) float from the petroleum refining industry	10 (4.54)
K049	10 (4.54)
Slop oil emulsion solids from the petroleum refining industry	10 (4.54)
K050	10 (4.54)
Heat exchanger bundle cleaning sludge from the petroleum refining industry	10 (4.54)
K051	10 (4.54)
API separator sludge from the petroleum refining industry	10 (4.54)
K052	10 (4.54)
Tank bottoms (leaded) from the petroleum refining industry	10 (4.54)
K060	1 (0.454)
Ammonia still lime sludge from coking operations	10 (4.54)
K061	10 (4.54)
Emission control dust/sludge from the primary production of steel in electric furnaces	10 (4.54)
K062	10 (4.54)
Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry	10 (4.54)
K064	10 (4.54)
Acid plant blowdown slurry/sludge resulting from thickening of blowdown slurry from primary copper production.	10 (4.54)
K065	10 (4.54)
Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.	10 (4.54)
K066	10 (4.54)
Sludge from treatment of process wastewater and /or acid plant blowdown from primary zinc production.	10 (4.54)
K069	10 (4.54)
Emission control dust/sludge from secondary lead smelting	10 (4.54)
K071	1 (0.454)
Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used	10 (4.54)
K073	10 (4.54)
Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.	100 (45.4)
K083	100 (45.4)
Distillation bottoms from aniline extraction	1 (0.454)
K084	10 (4.54)
Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds	10 (4.54)
K085	10 (4.54)
Distillation or fractionation column bottoms from the production of chlorobenzenes	10 (4.54)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
K086 Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead	10 (4.54)
K087 Decanter tank tar sludge from coking operations	100 (45.4)
K088 Spent potliners from primary aluminum reduction..	10 (4.54)
K090 Emission control dust or sludge from ferrochromiumsilicon production.	10 (4.54)
K091 Emission control dust or sludge from ferrochromium production.	10 (4.54)
K093 Distillation light ends from the production of phthalic anhydride from ortho-xylene	5000 (2270)
K094 Distillation bottoms from the production of phthalic anhydride from ortho-xylene	5000 (2270)
K095 Distillation bottoms from the production of 1,1,1-trichloroethane.	100 (45.4)
K096 Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.	100 (45.4)
K097 Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane	1 (0.454)
K098 Untreated process wastewater from the production of toxaphene	1 (0.454)
K099 Untreated wastewater from the production of 2,4-D	10 (4.54)
K100 Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting	10 (4.54)
K101 Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds	1 (0.454)
K102 Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds	1 (0.454)
K103 Process residues from aniline extraction from the production of aniline	100 (45.4)
K104 Combined wastewater streams generated from nitrobenzene/aniline chlorobenzenes	10 (4.54)
K105 Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes	10 (4.54)
K106 Wastewater treatment sludge from the mercury cell process in chlorine production	1 (0.454)
K107 Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines	10 (4.54)
K108 Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides	10 (4.54)
K109 Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides	10 (4.54)
K110 Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazines (UDMH) from carboxylic acid hydrazides	10 (4.54)
K111 Product washwaters from the production of dinitrotoluene via nitration of toluene.	10 (4.54)
K112 Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.	10 (4.54)
K113 Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	10 (4.54)
K114 Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	10 (4.54)
K115 Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	10 (4.54)

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TABLE 1 TO APPENDIX A—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
K116 Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.	10 (4.54)
K117 Wastewater from the reaction vent gas scrubber in the production of ethylene bromide via bromination of ethene.	1 (0.454)
K118 Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide.	1 (0.454)
K123 Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.	10 (4.54)
K124 Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.	10 (4.54)
K125 Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.	10 (4.54)
K126 Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenebisdithiocarbamic acid and its salts.	10 (4.54)
K131 Waste water from the reactor and spent sulfuric acid from the acid dryer in the production of methyl bromide.	100 (45.4)
K132 Spent absorbent and wastewater solids from the production of methyl bromide.	1000 (454)
K136 Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.	1 (0.454)
K141 K142 K143 K144 K145 K147 K148 K149 K150 K151 Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.	1 (0.454) 1 (0.454) 1 (0.454) 1 (0.454) 1 (0.454) 1 (0.454) 1 (0.454) 10 (4.54) 10 (4.54) 10 (4.54)

Footnotes:

¢ The RQ for these hazardous substances is limited to those pieces of the metal having a diameter smaller than 100 micrometers (0.004 inches).

cc The RQ for asbestos is limited to friable forms only.

@ Indicates that the name was added by RSPA because (1) the name is a synonym for a specific hazardous substance and (2) the name appears in the Hazardous Materials Table as a proper shipping name.

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

TABLE 2 TO APPENDIX A—RADIONUCLIDES

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Actinium-224	89	100 (3.7)
Actinium-225	89	1 (.037)
Actinium-226	89	10 (.37)
Actinium-227	89	0.001 (.000037)
Actinium-228	89	10 (.37)
Aluminum-26	13	10 (.37)
Americium-237	95	1000 (37)
Americium-238	95	100 (3.7)
Americium-239	95	100 (3.7)
Americium-240	95	10 (.37)
Americium-241	95	0.01 (.00037)
Americium-242	95	100 (3.7)
Americium-242m	95	0.01 (.00037)
Americium-243	95	0.01 (.00037)

TABLE 2 TO APPENDIX A—RADIONUCLIDES—Continued

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Americium-244	95	10 (.37)
Americium-244m	95	1000 (37)
Americium-245	95	1000 (37)
Americium-246	95	1000 (37)
Americium-246m	95	1000 (37)
Antimony-115	51	1000 (37)
Antimony-116	51	1000 (37)
Antimony-116m	51	100 (3.7)
Antimony-117	51	1000 (37)
Antimony-118m	51	10 (.37)
Antimony-119	51	1000 (37)
Antimony-120 (16 min)	51	1000 (37)
Antimony-120 (5.76 day)	51	10 (.37)
Antimony-122	51	10 (.37)
Antimony-124	51	10 (.37)
Antimony-124m	51	1000 (37)
Antimony-125	51	10 (.37)

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**TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued**

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Antimony-126	51	10 (.37)
Antimony-126m	51	1000 (37)
Antimony-127	51	10 (.37)
Antimony-128 (10.4 min)	51	1000 (37)
Antimony-128 (9.01 hr)	51	10 (.37)
Antimony-129	51	100 (3.7)
Antimony-130	51	100 (3.7)
Antimony-131	51	1000 (37)
Argon-39	18	1000 (37)
Argon-41	18	10 (.37)
Arsenic-69	33	1000 (37)
Arsenic-70	33	100 (3.7)
Arsenic-71	33	100 (3.7)
Arsenic-72	33	10 (.37)
Arsenic-73	33	100 (3.7)
Arsenic-74	33	10 (.37)
Arsenic-76	33	100 (3.7)
Arsenic-77	33	1000 (37)
Arsenic-78	33	100 (3.7)
Astatine-207	85	100 (3.7)
Astatine-211	85	100 (3.7)
Barium-126	56	1000 (37)
Barium-128	56	10 (.37)
Barium-131	56	10 (.37)
Barium-131m	56	1000 (37)
Barium-133	56	10 (.37)
Barium-133m	56	100 (3.7)
Barium-135m	56	1000 (37)
Barium-139	56	1000 (37)
Barium-140	56	10 (.37)
Barium-141	56	1000 (37)
Barium-142	56	1000 (37)
Berkelium-245	97	100 (3.7)
Berkelium-246	97	10 (.37)
Berkelium-247	97	0.01 (.00037)
Berkelium-249	97	1 (.037)
Berkelium-250	97	100 (3.7)
Beryllium-10	4	1 (.037)
Beryllium-7	4	100 (3.7)
Bismuth-200	83	100 (3.7)
Bismuth-201	83	100 (3.7)
Bismuth-202	83	1000 (37)
Bismuth-203	83	10 (.37)
Bismuth-205	83	10 (.37)
Bismuth-206	83	10 (.37)
Bismuth-207	83	10 (.37)
Bismuth-210	83	10 (.37)
Bismuth-210m	83	0.1 (.0037)
Bismuth-212	83	100 (3.7)
Bismuth-213	83	100 (3.7)
Bismuth-214	83	100 (3.7)
Bromine-74	35	100 (3.7)
Bromine-74m	35	100 (3.7)
Bromine-75	35	100 (3.7)
Bromine-76	35	10 (.37)
Bromine-77	35	100 (3.7)
Bromine-80	35	1000 (37)
Bromine-80m	35	1000 (37)
Bromine-82	35	10 (.37)
Bromine-83	35	1000 (37)
Bromine-84	35	100 (3.7)
Cadmium-104	48	1000 (37)
Cadmium-107	48	1000 (37)
Cadmium-109	48	1 (.037)
Cadmium-113	48	0.1 (.0037)
Cadmium-113m	48	0.1 (.0037)
Cadmium-115	48	100 (3.7)
Cadmium-115m	48	10 (.37)

**TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued**

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Cadmium-117	48	100 (3.7)
Cadmium-117m	48	10 (.37)
Calcium-41	20	10 (.37)
Calcium-45	20	10 (.37)
Calcium-47	20	10 (.37)
Californium-244	98	1000 (37)
Californium-246	98	10 (.37)
Californium-248	98	0.1 (.0037)
Californium-249	98	0.01 (.00037)
Californium-250	98	0.01 (.00037)
Californium-251	98	0.01 (.00037)
Californium-252	98	0.1 (.0037)
Californium-253	98	10 (.37)
Californium-254	98	0.1 (.0037)
Carbon-11	6	1000 (37)
Carbon-14	6	10 (.37)
Cerium-134	58	10 (.37)
Cerium-135	58	10 (.37)
Cerium-137	58	1000 (37)
Cerium-137m	58	100 (3.7)
Cerium-139	58	100 (3.7)
Cerium-141	58	10 (.37)
Cerium-143	58	100 (3.7)
Cerium-144	58	1 (.037)
Cesium-125	55	1000 (37)
Cesium-127	55	100 (3.7)
Cesium-129	55	100 (3.7)
Cesium-130	55	1000 (37)
Cesium-131	55	1000 (37)
Cesium-132	55	10 (.37)
Cesium-134	55	1 (.037)
Cesium-134m	55	1000 (37)
Cesium-135	55	10 (.37)
Cesium-135m	55	100 (3.7)
Cesium-136	55	10 (.37)
Cesium-137	55	1 (.037)
Cesium-138	55	100 (3.7)
Chlorine-36	17	10 (.37)
Chlorine-38	17	100 (3.7)
Chlorine-39	17	100 (3.7)
Chromium-48	24	100 (3.7)
Chromium-49	24	1000 (37)
Chromium-51	24	1000 (37)
Cobalt-55	27	10 (.37)
Cobalt-56	27	10 (.37)
Cobalt-57	27	100 (3.7)
Cobalt-58	27	10 (.37)
Cobalt-58m	27	1000 (37)
Cobalt-60	27	10 (.37)
Cobalt-60m	27	1000 (37)
Cobalt-61	27	1000 (37)
Cobalt-62m	27	1000 (37)
Copper-60	29	100 (3.7)
Copper-61	29	100 (3.7)
Copper-64	29	1000 (37)
Copper-67	29	100 (3.7)
Curium-238	96	1000 (37)
Curium-240	96	1 (.037)
Curium-241	96	10 (.37)
Curium-242	96	1 (.037)
Curium-243	96	0.01 (.00037)
Curium-244	96	0.01 (.00037)
Curium-245	96	0.01 (.00037)
Curium-246	96	0.01 (.00037)
Curium-247	96	0.01 (.00037)
Curium-248	96	0.001 (.000037)
Curium-249	96	1000 (37)
Dysprosium-155	66	100 (3.7)

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**TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued**

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Dysprosium-157	66	100 (3.7)
Dysprosium-159	66	100 (3.7)
Dysprosium-165	66	1000 (37)
Dysprosium-166	66	10 (.37)
Einsteinium-250	99	10 (.37)
Einsteinium-251	99	1000 (37)
Einsteinium-253	99	10 (.37)
Einsteinium-254	99	0.1 (.0037)
Einsteinium-254m	99	1 (.037)
Erbium-161	68	100 (3.7)
Erbium-165	68	1000 (37)
Erbium-169	68	100 (3.7)
Erbium-171	68	100 (3.7)
Erbium-172	68	10 (.37)
Europium-145	63	10 (.37)
Europium-146	63	10 (.37)
Europium-147	63	10 (.37)
Europium-148	63	10 (.37)
Europium-149	63	100 (3.7)
Europium-150 (12.6 hr)	63	1000 (37)
Europium-150 (34.2 yr)	63	10 (.37)
Europium-152	63	10 (.37)
Europium-152m	63	100 (3.7)
Europium-154	63	10 (.37)
Europium-155	63	10 (.37)
Europium-156	63	10 (.37)
Europium-157	63	10 (.37)
Europium-158	63	1000 (37)
Fermium-252	100	10 (.37)
Fermium-253	100	10 (.37)
Fermium-254	100	100 (3.7)
Fermium-255	100	100 (3.7)
Fermium-257	100	1 (.037)
Fluorine-18	9	1000 (37)
Francium-222	87	100 (3.7)
Francium-223	87	100 (3.7)
Gadolinium-145	64	100 (3.7)
Gadolinium-146	64	10 (.37)
Gadolinium-147	64	10 (.37)
Gadolinium-148	64	0.001 (.000037)
Gadolinium-149	64	100 (3.7)
Gadolinium-151	64	100 (3.7)
Gadolinium-152	64	0.001 (.000037)
Gadolinium-153	64	10 (.37)
Gadolinium-159	64	1000 (37)
Gallium-65	31	1000 (37)
Gallium-66	31	10 (.37)
Gallium-67	31	100 (3.7)
Gallium-68	31	1000 (37)
Gallium-70	31	1000 (37)
Gallium-72	31	10 (.37)
Gallium-73	31	100 (3.7)
Germanium-66	32	100 (3.7)
Germanium-67	32	1000 (37)
Germanium-68	32	10 (.37)
Germanium-69	32	10 (.37)
Germanium-71	32	1000 (37)
Germanium-75	32	1000 (37)
Germanium-77	32	10 (.37)
Germanium-78	32	1000 (37)
Gold-193	79	100 (3.7)
Gold-194	79	10 (.37)
Gold-195	79	100 (3.7)
Gold-198	79	100 (3.7)
Gold-198m	79	10 (.37)
Gold-199	79	100 (3.7)
Gold-200	79	1000 (37)
Gold-200m	79	10 (.37)

**TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued**

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Gold-201	79	1000 (37)
Hafnium-170	72	100 (3.7)
Hafnium-172	72	1 (.037)
Hafnium-173	72	100 (3.7)
Hafnium-175	72	100 (3.7)
Hafnium-177m	72	1000 (37)
Hafnium-178m	72	0.1 (.0037)
Hafnium-179m	72	100 (3.7)
Hafnium-180m	72	100 (3.7)
Hafnium-181	72	10 (.37)
Hafnium-182	72	0.1 (.0037)
Hafnium-182m	72	100 (3.7)
Hafnium-183	72	100 (3.7)
Hafnium-184	72	100 (3.7)
Holmium-155	67	1000 (37)
Holmium-157	67	1000 (37)
Holmium-159	67	1000 (37)
Holmium-161	67	1000 (37)
Holmium-162	67	1000 (37)
Holmium-162m	67	1000 (37)
Holmium-164	67	1000 (37)
Holmium-164m	67	1000 (37)
Holmium-166	67	100 (3.7)
Holmium-166m	67	1 (.037)
Holmium-167	67	100 (3.7)
Hydrogen-3	1	100 (3.7)
Indium-109	49	100 (3.7)
Indium-110 (4.9 hr)	49	10 (.37)
Indium-110 (69.1 min)	49	100 (3.7)
Indium-111	49	100 (3.7)
Indium-112	49	1000 (37)
Indium-113m	49	1000 (37)
Indium-114m	49	10 (.37)
Indium-115	49	0.1 (.0037)
Indium-115m	49	100 (3.7)
Indium-116m	49	100 (3.7)
Indium-117	49	1000 (37)
Indium-117m	49	100 (3.7)
Indium-119m	49	1000 (37)
Iodine-120	53	10 (.37)
Iodine-120m	53	100 (3.7)
Iodine-121	53	100 (3.7)
Iodine-123	53	10 (.37)
Iodine-124	53	0.1 (.0037)
Iodine-125	53	0.01 (.00037)
Iodine-126	53	0.01 (.00037)
Iodine-128	53	1000 (37)
Iodine-129	53	1 (.037)
Iodine-130	53	0.01 (.00037)
Iodine-131	53	10 (.37)
Iodine-132	53	10 (.37)
Iodine-132m	53	10 (.37)
Iodine-133	53	0.1 (.0037)
Iodine-134	53	100 (3.7)
Iodine-135	53	10 (.37)
Iridium-182	77	1000 (37)
Iridium-184	77	100 (3.7)
Iridium-185	77	100 (3.7)
Iridium-186	77	10 (.37)
Iridium-187	77	100 (3.7)
Iridium-188	77	10 (.37)
Iridium-189	77	100 (3.7)
Iridium-190	77	10 (.37)
Iridium-190m	77	1000 (37)
Iridium-192	77	10 (.37)
Iridium-192m	77	100 (3.7)
Iridium-194	77	100 (3.7)
Iridium-194m	77	10 (.37)

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**TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued**

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Iridium-195	77	1000 (37)
Iridium-195m	77	100 (3.7)
Iron-52	26	100 (3.7)
Iron-55	26	100 (3.7)
Iron-59	26	10 (.37)
Iron-60	26	0.1 (.0037)
Krypton-74	36	10 (.37)
Krypton-76	36	10 (.37)
Krypton-77	36	10 (.37)
Krypton-79	36	100 (3.7)
Krypton-81	36	1000 (37)
Krypton-83m	36	1000 (37)
Krypton-85	36	1000 (37)
Krypton-85m	36	100 (3.7)
Krypton-87	36	10 (.37)
Krypton-88	36	10 (.37)
Lanthanum-131	57	1000 (37)
Lanthanum-132	57	100 (3.7)
Lanthanum-135	57	1000 (37)
Lanthanum-137	57	10 (.37)
Lanthanum-138	57	1 (.037)
Lanthanum-140	57	10 (.37)
Lanthanum-141	57	1000 (37)
Lanthanum-142	57	100 (3.7)
Lanthanum-143	57	1000 (37)
Lead-195m	82	1000 (37)
Lead-198	82	100 (3.7)
Lead-199	82	100 (3.7)
Lead-200	82	100 (3.7)
Lead-201	82	100 (3.7)
Lead-202	82	1 (.037)
Lead-202m	82	10 (.37)
Lead-203	82	100 (3.7)
Lead-205	82	100 (3.7)
Lead-209	82	1000 (37)
Lead-210	82	0.01 (.00037)
Lead-211	82	100 (3.7)
Lead-212	82	10 (.37)
Lead-214	82	100 (3.7)
Lutetium-169	71	10 (.37)
Lutetium-170	71	10 (.37)
Lutetium-171	71	10 (.37)
Lutetium-172	71	10 (.37)
Lutetium-173	71	100 (3.7)
Lutetium-174	71	10 (.37)
Lutetium-174m	71	10 (.37)
Lutetium-176	71	1 (.037)
Lutetium-176m	71	1000 (37)
Lutetium-177	71	100 (3.7)
Lutetium-177m	71	10 (.37)
Lutetium-178	71	1000 (37)
Lutetium-178m	71	1000 (37)
Lutetium-179	71	1000 (37)
Magnesium-28	12	10 (.37)
Manganese-51	25	1000 (37)
Manganese-52	25	10 (.37)
Manganese-52m	25	1000 (37)
Manganese-53	25	1000 (37)
Manganese-54	25	10 (.37)
Manganese-56	25	100 (3.7)
Mendelevium-257	101	100 (3.7)
Mendelevium-258	101	1 (.037)
Mercury-193	80	100 (3.7)
Mercury-193m	80	10 (.37)
Mercury-194	80	0.1 (.0037)
Mercury-195	80	100 (3.7)
Mercury-195m	80	100 (3.7)
Mercury-197	80	1000 (37)

**TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued**

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Mercury-197m	80	1000 (37)
Mercury-199m	80	1000 (37)
Mercury-203	80	10 (.37)
Molybdenum-101	42	1000 (37)
Molybdenum-90	42	100 (3.7)
Molybdenum-93	42	10 (.37)
Molybdenum-93m	42	100 (3.7)
Molybdenum-99	42	100 (3.7)
Neodymium-136	60	1000 (37)
Neodymium-138	60	1000 (37)
Neodymium-139	60	1000 (37)
Neodymium-139m	60	100 (3.7)
Neodymium-141	60	1000 (37)
Neodymium-147	60	10 (.37)
Neodymium-149	60	100 (3.7)
Neodymium-151	60	1000 (37)
Neptunium-232	93	1000 (37)
Neptunium-233	93	1000 (37)
Neptunium-234	93	10 (.37)
Neptunium-235	93	1000 (37)
Neptunium-236 (1.2 E 5 yr)	93	0.1 (.0037)
Neptunium-236 (22.5 hr)	93	100 (3.7)
Neptunium-237	93	0.01 (.00037)
Neptunium-238	93	10 (.37)
Neptunium-239	93	100 (3.7)
Neptunium-240	93	100 (3.7)
Nickel-56	28	10 (.37)
Nickel-57	28	10 (.37)
Nickel-59	28	100 (3.7)
Nickel-63	28	100 (3.7)
Nickel-65	28	100 (3.7)
Nickel-66	28	10 (.37)
Niobium-88	41	100 (3.7)
Niobium-89 (122 min)	41	100 (3.7)
Niobium-89 (66 min)	41	100 (3.7)
Niobium-90	41	10 (.37)
Niobium-93m	41	100 (3.7)
Niobium-94	41	10 (.37)
Niobium-95	41	10 (.37)
Niobium-95m	41	100 (3.7)
Niobium-96	41	10 (.37)
Niobium-97	41	100 (3.7)
Niobium-98	41	1000 (37)
Osmium-180	76	1000 (37)
Osmium-181	76	100 (3.7)
Osmium-182	76	100 (3.7)
Osmium-185	76	10 (.37)
Osmium-189m	76	1000 (37)
Osmium-191	76	100 (3.7)
Osmium-191m	76	1000 (37)
Osmium-193	76	100 (3.7)
Osmium-194	76	1 (.037)
Palladium-100	46	100 (3.7)
Palladium-101	46	100 (3.7)
Palladium-103	46	100 (3.7)
Palladium-107	46	100 (3.7)
Palladium-109	46	1000 (37)
Phosphorus-32	15	0.1 (.0037)
Phosphorus-33	15	1 (.037)
Platinum-186	78	100 (3.7)
Platinum-188	78	100 (3.7)
Platinum-189	78	100 (3.7)
Platinum-191	78	100 (3.7)
Platinum-193	78	1000 (37)
Platinum-193m	78	100 (3.7)
Platinum-195m	78	100 (3.7)
Platinum-197	78	1000 (37)
Platinum-197m	78	1000 (37)

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TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Platinum-199	78	1000 (.37)
Platinum-200	78	100 (.37)
Plutonium-234	94	1000 (.37)
Plutonium-235	94	1000 (.37)
Plutonium-236	94	0.1 (.0037)
Plutonium-237	94	1000 (.37)
Plutonium-238	94	0.01 (.00037)
Plutonium-239	94	0.01 (.00037)
Plutonium-240	94	0.01 (.00037)
Plutonium-241	94	1 (.037)
Plutonium-242	94	0.01 (.00037)
Plutonium-243	94	1000 (.37)
Plutonium-244	94	0.01 (.00037)
Plutonium-245	94	100 (.37)
Polonium-203	84	100 (.37)
Polonium-205	84	100 (.37)
Polonium-207	84	10 (.37)
Polonium-210	84	0.01 (.00037)
Potassium-40	19	1 (.037)
Potassium-42	19	100 (.37)
Potassium-43	19	10 (.37)
Potassium-44	19	100 (.37)
Potassium-45	19	1000 (.37)
Praseodymium-136	59	1000 (.37)
Praseodymium-137	59	1000 (.37)
Praseodymium-138m	59	100 (.37)
Praseodymium-139	59	1000 (.37)
Praseodymium-142	59	100 (.37)
Praseodymium-142m	59	1000 (.37)
Praseodymium-143	59	10 (.37)
Praseodymium-144	59	1000 (.37)
Praseodymium-145	59	1000 (.37)
Praseodymium-147	59	1000 (.37)
Promethium-141	61	1000 (.37)
Promethium-143	61	100 (.37)
Promethium-144	61	10 (.37)
Promethium-145	61	100 (.37)
Promethium-146	61	10 (.37)
Promethium-147	61	10 (.37)
Promethium-148	61	10 (.37)
Promethium-148m	61	10 (.37)
Promethium-149	61	100 (.37)
Promethium-150	61	100 (.37)
Promethium-151	61	100 (.37)
Protactinium-227	91	100 (.37)
Protactinium-228	91	10 (.37)
Protactinium-230	91	10 (.37)
Protactinium-231	91	0.01 (.00037)
Protactinium-232	91	10 (.37)
Protactinium-233	91	100 (.37)
Protactinium-234	91	10 (.37)
RADIONUCLIDES \$ †	1	.037)
Radium-223	88	1 (.037)
Radium-224	88	10 (.37)
Radium-225	88	1 (.037)
Radium-226 **	88	0.1 (.0037)
Radium-227	88	1000 (.37)
Radium-228	88	0.1 (.0037)
Radon-220	86	0.1 (.0037)
Radon-222	86	0.1 (.0037)
Rhenium-177	75	1000 (.37)
Rhenium-178	75	1000 (.37)
Rhenium-181	75	100 (.37)
Rhenium-182 (12.7 hr)	75	10 (.37)
Rhenium-182 (64.0 hr)	75	10 (.37)
Rhenium-184	75	10 (.37)
Rhenium-184m	75	10 (.37)
Rhenium-186	75	100 (.37)

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TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Rhenium-186m	75	10 (.37)
Rhenium-187	75	1000 (.37)
Rhenium-188	75	1000 (.37)
Rhenium-188m	75	1000 (.37)
Rhenium-189	75	1000 (.37)
Rhodium-100	45	10 (.37)
Rhodium-101	45	10 (.37)
Rhodium-101m	45	100 (.37)
Rhodium-102	45	10 (.37)
Rhodium-102m	45	10 (.37)
Rhodium-103m	45	1000 (.37)
Rhodium-105	45	100 (.37)
Rhodium-106m	45	10 (.37)
Rhodium-107	45	1000 (.37)
Rhodium-99	45	10 (.37)
Rhodium-99m	45	100 (.37)
Rubidium-79	37	1000 (.37)
Rubidium-81	37	100 (.37)
Rubidium-81m	37	1000 (.37)
Rubidium-82m	37	10 (.37)
Rubidium-83	37	10 (.37)
Rubidium-84	37	10 (.37)
Rubidium-86	37	10 (.37)
Rubidium-87	37	10 (.37)
Rubidium-88	37	1000 (.37)
Rubidium-89	37	1000 (.37)
Ruthenium-103	44	10 (.37)
Ruthenium-105	44	100 (.37)
Ruthenium-106	44	1 (.037)
Ruthenium-94	44	1000 (.37)
Ruthenium-97	44	100 (.37)
Samarium-141	62	1000 (.37)
Samarium-141m	62	1000 (.37)
Samarium-142	62	1000 (.37)
Samarium-145	62	100 (.37)
Samarium-146	62	0.01 (.00037)
Samarium-147	62	0.01 (.00037)
Samarium-151	62	10 (.37)
Samarium-153	62	100 (.37)
Samarium-155	62	1000 (.37)
Samarium-156	62	100 (.37)
Scandium-43	21	1000 (.37)
Scandium-44	21	100 (.37)
Scandium-44m	21	10 (.37)
Scandium-46	21	10 (.37)
Scandium-47	21	100 (.37)
Scandium-48	21	10 (.37)
Scandium-49	21	1000 (.37)
Selenium-70	34	1000 (.37)
Selenium-73	34	10 (.37)
Selenium-73m	34	100 (.37)
Selenium-75	34	10 (.37)
Selenium-79	34	10 (.37)
Selenium-81	34	1000 (.37)
Selenium-81m	34	1000 (.37)
Selenium-83	34	1000 (.37)
Silicon-31	14	1000 (.37)
Silicon-32	14	1 (.037)
Silver-102	47	100 (.37)
Silver-103	47	1000 (.37)
Silver-104	47	1000 (.37)
Silver-104m	47	1000 (.37)
Silver-105	47	10 (.37)
Silver-106	47	1000 (.37)
Silver-106m	47	10 (.37)
Silver-108m	47	10 (.37)
Silver-110m	47	10 (.37)
Silver-111	47	10 (.37)

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**TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued**

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Silver-112	47	100 (3.7)
Silver-115	47	1000 (37)
Sodium-22	11	10 (.37)
Sodium-24	11	10 (.37)
Strontium-80	38	100 (3.7)
Strontium-81	38	1000 (37)
Strontium-83	38	100 (3.7)
Strontium-85	38	10 (.37)
Strontium-85m	38	1000 (37)
Strontium-87m	38	100 (3.7)
Strontium-89	38	10 (.37)
Strontium-90	38	0.1 (.0037)
Strontium-91	38	10 (.37)
Strontium-92	38	100 (3.7)
Sulfur-35	16	1 (.037)
Tantalum-172	73	100 (3.7)
Tantalum-173	73	100 (3.7)
Tantalum-174	73	100 (3.7)
Tantalum-175	73	100 (3.7)
Tantalum-176	73	10 (.37)
Tantalum-177	73	1000 (37)
Tantalum-178	73	1000 (37)
Tantalum-179	73	1000 (37)
Tantalum-180	73	100 (3.7)
Tantalum-180m	73	1000 (37)
Tantalum-182	73	10 (.37)
Tantalum-182m	73	1000 (37)
Tantalum-183	73	100 (3.7)
Tantalum-184	73	10 (.37)
Tantalum-185	73	1000 (37)
Tantalum-186	73	1000 (37)
Technetium-101	43	1000 (37)
Technetium-104	43	1000 (37)
Technetium-93	43	100 (3.7)
Technetium-93m	43	1000 (37)
Technetium-94	43	10 (.37)
Technetium-94m	43	100 (3.7)
Technetium-96	43	10 (.37)
Technetium-96m	43	1000 (37)
Technetium-97	43	100 (3.7)
Technetium-97m	43	100 (3.7)
Technetium-98	43	10 (.37)
Technetium-99	43	10 (.37)
Technetium-99m	43	100 (3.7)
Tellurium-116	52	1000 (37)
Tellurium-121	52	10 (.37)
Tellurium-121m	52	10 (.37)
Tellurium-123	52	10 (.37)
Tellurium-123m	52	10 (.37)
Tellurium-125m	52	10 (.37)
Tellurium-127	52	1000 (37)
Tellurium-127m	52	10 (.37)
Tellurium-129	52	1000 (37)
Tellurium-129m	52	10 (.37)
Tellurium-131	52	1000 (37)
Tellurium-131m	52	10 (.37)
Tellurium-132	52	10 (.37)
Tellurium-133	52	1000 (37)
Tellurium-133m	52	1000 (37)
Tellurium-134	52	1000 (37)
Terbium-147	65	100 (3.7)
Terbium-149	65	100 (3.7)
Terbium-150	65	100 (3.7)
Terbium-151	65	10 (.37)
Terbium-153	65	100 (3.7)
Terbium-154	65	10 (.37)
Terbium-155	65	100 (3.7)
Terbium-156	65	10 (.37)

**TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued**

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Terbium-156m (24.4 hr)	65	1000 (37)
Terbium-156m (5.0 hr)	65	1000 (37)
Terbium-157	65	100 (3.7)
Terbium-158	65	10 (.37)
Terbium-160	65	10 (.37)
Terbium-161	65	100 (3.7)
Thallium-194	81	1000 (37)
Thallium-194m	81	100 (3.7)
Thallium-195	81	100 (3.7)
Thallium-197	81	100 (3.7)
Thallium-198	81	10 (.37)
Thallium-198m	81	100 (3.7)
Thallium-199	81	100 (3.7)
Thallium-200	81	10 (.37)
Thallium-201	81	1000 (37)
Thallium-202	81	10 (.37)
Thallium-204	81	10 (.37)
Thorium (Irradiated)	90	***
Thorium (Natural)	90	**
Thorium-226	90	100 (3.7)
Thorium-227	90	1 (.037)
Thorium-228	90	0.01 (.00037)
Thorium-229	90	0.001 (.000037)
Thorium-230	90	0.01 (.00037)
Thorium-231	90	100 (3.7)
Thorium-232 **	90	0.001 (.000037)
Thorium-234	90	100 (3.7)
Thulium-162	69	1000 (37)
Thulium-166	69	10 (.37)
Thulium-167	69	100 (3.7)
Thulium-170	69	10 (.37)
Thulium-171	69	100 (3.7)
Thulium-172	69	100 (3.7)
Thulium-173	69	100 (3.7)
Thulium-175	69	1000 (37)
Tin-110	50	100 (3.7)
Tin-111	50	1000 (37)
Tin-113	50	10 (.37)
Tin-117m	50	100 (3.7)
Tin-119m	50	10 (.37)
Tin-121	50	1000 (37)
Tin-121m	50	10 (.37)
Tin-123	50	10 (.37)
Tin-123m	50	1000 (37)
Tin-125	50	10 (.37)
Tin-126	50	1 (.037)
Tin-127	50	100 (3.7)
Tin-128	50	1000 (37)
Titanium-44	22	1 (.037)
Titanium-45	22	1000 (37)
Tungsten-176	74	1000 (37)
Tungsten-177	74	100 (3.7)
Tungsten-178	74	100 (3.7)
Tungsten-179	74	1000 (37)
Tungsten-181	74	100 (3.7)
Tungsten-185	74	10 (.37)
Tungsten-187	74	100 (3.7)
Tungsten-188	74	10 (.37)
Uranium (Depleted)	92	***
Uranium (Irradiated)	92	***
Uranium (Natural)	92	**
Uranium Enriched 20% or greater	92	***
Uranium Enriched less than 20%	92	***
Uranium-230	92	1 (.037)
Uranium-231	92	1000 (37)
Uranium-232	92	0.01 (.00037)

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TABLE 2 TO APPENDIX A—RADIONUCLIDES—
Continued

(1)—Radionuclide	(2)—Atomic Number	(3)—Reportable Quantity (RQ) Ci (TBq)
Uranium-233	92	0.1 (.0037)
Uranium-234 **	92	0.1 (.0037)
Uranium-235 **	92	0.1 (.0037)
Uranium-236	92	0.1 (.0037)
Uranium-237	92	100 (3.7)
Uranium-238 **	92	0.1 (.0037)
Uranium-239	92	1000 (37)
Uranium-240	92	1000 (37)
Vanadium-47	23	1000 (37)
Vanadium-48	23	10 (.37)
Vanadium-49	23	1000 (37)
Xenon-120	54	100 (3.7)
Xenon-121	54	10 (.37)
Xenon-122	54	100 (3.7)
Xenon-123	54	10 (.37)
Xenon-125	54	100 (3.7)
Xenon-127	54	100 (3.7)
Xenon-129m	54	1000 (37)
Xenon-131m	54	1000 (37)
Xenon-133	54	1000 (37)
Xenon-133m	54	1000 (37)
Xenon-135	54	100 (3.7)
Xenon-135m	54	10 (.37)
Xenon-138	54	10 (.37)
Ytterbium-162	70	1000 (37)
Ytterbium-166	70	10 (.37)
Ytterbium-167	70	1000 (37)
Ytterbium-169	70	10 (.37)
Ytterbium-175	70	100 (3.7)
Ytterbium-177	70	1000 (37)
Ytterbium-178	70	1000 (37)
Yttrium-86	39	10 (.37)
Yttrium-86m	39	1000 (37)
Yttrium-87	39	10 (.37)
Yttrium-88	39	10 (.37)
Yttrium-90	39	10 (.37)
Yttrium-90m	39	100 (3.7)
Yttrium-91	39	10 (.37)
Yttrium-91m	39	1000 (37)
Yttrium-92	39	100 (3.7)
Yttrium-93	39	100 (3.7)
Yttrium-94	39	1000 (37)
Yttrium-95	39	1000 (37)
Zinc-62	30	100 (3.7)
Zinc-63	30	1000 (37)
Zinc-65	30	10 (.37)
Zinc-69	30	1000 (37)
Zinc-69m	30	100 (3.7)
Zinc-71m	30	100 (3.7)
Zinc-72	30	100 (3.7)
Zirconium-86	40	100 (3.7)
Zirconium-88	40	10 (.37)
Zirconium-89	40	100 (3.7)
Zirconium-93	40	1 (.037)
Zirconium-95	40	10 (.37)
Zirconium-97	40	10 (.37)

\$ The RQs for all radionuclides apply to chemical compounds containing the radionuclides and elemental forms regardless of the diameter of pieces of solid material.

† The RQ of one curie applies to all radionuclides not otherwise listed. Whenever the RQs in TABLE 1—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES and this table conflict, the lowest RQ shall apply. For example, uranyl acetate and uranyl nitrate have RQs shown in TABLE 1 of 100 pounds, equivalent to about one-tenth the RQ level for uranium-238 in this table.

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** The method to determine the RQs for mixtures or solutions of radionuclides can be found in paragraph 7 of the note preceding TABLE 1 of this appendix. RQs for the following four common radionuclide mixtures are provided: radium-226 in secular equilibrium with its daughters (0.053 curie); natural uranium (0.1 curie); natural uranium in secular equilibrium with its daughters (0.052 curie); and natural thorium in secular equilibrium with its daughters (0.011 curie).

*** Indicates that the name was added by RSPA because it appears in the list of radionuclides in 49 CFR 173.435. The reportable quantity (RQ), if not specifically listed elsewhere in this appendix, shall be determined in accordance with the procedures in paragraph 7 of this appendix.

[Amendt. 172-122, 55 FR 46798, Nov. 7, 1990]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting appendix A to § 172.101, see the List of CFR Sections Affected which appears in the Finding Aids section of the printed volume and on GPO Access.

APPENDIX B TO § 172.101—LIST OF MARINE POLLUTANTS

1. See § 171.4 of this subchapter for applicability to marine pollutants. This appendix lists potential marine pollutants as defined in § 171.8 of this subchapter.

2. Marine pollutants listed in this appendix are not necessarily listed by name in the § 172.101 Table. If a marine pollutant not listed by name or by synonym in the § 172.101 Table meets the definition of any hazard Class 1 through 8, then you must determine the class and division of the material in accordance with § 173.2a of this subchapter. You must also select the most appropriate hazardous material description and proper shipping name. If a marine pollutant not listed by name or by synonym in the § 172.101 Table does not meet the definition of any Class 1 through 8, then you must offer it for transportation under the most appropriate of the following two Class 9 entries: “Environmentally hazardous substances, liquid, n.o.s.,” UN3082, or “Environmentally hazardous substances, solid, n.o.s.” UN3077.

3. This appendix contains two columns. The first column, entitled “S.M.P.” (for severe marine pollutants), identifies whether a material is a severe marine pollutant. If the letters “PP” appear in this column for a material, the material is a severe marine pollutant, otherwise it is not. The second column, entitled “Marine Pollutant”, lists the marine pollutants.

4. If a material not listed in this appendix meets the criteria for a marine pollutant, as provided in the General Introduction of the IMDG Code, Guidelines for the Identification of Harmful Substances in Packaged Form, the material may be transported as a marine pollutant in accordance with the applicable requirements of this subchapter.

5. If approved by the Associate Administrator, a material listed in this appendix which does not meet the criteria for a marine pollutant, as provided in the General Introduction of the IMDG Code, Guidelines for the Identification of Harmful Substances in

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Packaged Form, is excepted from the requirements of this subchapter as a marine pollutant.

LIST OF MARINE POLLUTANTS

S.M.P. (1)	Marine pollutant (2)	S.M.P. (1)	Marine pollutant (2)
PP	Acetone cyanohydrin, stabilized Acetylene tetrabromide Acetylene tetrachloride Acraldehyde, inhibited Acrolein, inhibited Acrolein, stabilized Acrylic aldehyde, inhibited Alcohol C-12 - C-16 poly(1-6) ethoxylate Alcohol C-13 - C-15 poly(1-6) ethoxylate Alcohol C-6 - C-17 (secondary)poly(3-6) ethoxylate Aldicarb Aldrin Alkyl (c12-c14) dimethylamine Alkyl (c7-c9) nitrates Alkybenzenesulphonates, branched and straight chain Alkylphenols, liquid, n.o.s. (<i>including C2-C12 homologues</i>) Alkylphenols, solid, n.o.s. (<i>including C2-C12 homologues</i>) Allyl bromide ortho-Aminoanisole Aminocarb Ammonium dinitro-o-cresolate n-Amylbenzene Azinphos-ethyl Azinphos-methyl Barium cyanide Bendiocarb Benomyl Benzinox Benzyl chlorocarbonate Benzyl chloroformate Binapacryl <i>N,N-Bis (2-hydroxyethyl) oleamide (LOA)</i> Brodifacoum Bromine cyanide Bromoacetone Bromoallylene Bromobenzene ortho-Bromobenzyl cyanide Bromocyanne Bromofom Bromophos-ethyl 3-Bromopropene Bromoxynil Butanedione 2-Butenal, stabilized Butyl benzyl phthalate <i>N-tert-butyl-N-cyclopropyl-6-methylthio-1,3,5-triazine-2,4-diamine</i> 2,4-Di-tert-butylphenol 2,6-Di-tert-butylphenol para-tertiary-butyltoluene Cadmium compounds Cadmium sulphide Calcium arsenate Calcium arsenate and calcium arsenite, mixtures, solid Calcium cyanide Camphechlor Carbaryl Carbendazim Carbofuran Carbon tetrabromide Carbon tetrachloride Carbophenothion	PP	Cartap hydrochloride Chlordane Chlорfenvinphos Chlorinated paraffins (C-10 - C-13) Chlorinated paraffins (C14-C17), with more than 1% shorter chain length Chlorine Chlorine cyanide, inhibited Chlormephos Chloracetone, stabilized 1-Chloro-2,3-Epoxypropane 2-Chloro-6-nitrotoluene 4-Chloro-2-nitrotoluene Chloro-ortho-nitrotoluene 2-Chloro-5-trifluoromethylnitrobenzene para-Chlorobenzyl chloride, liquid or solid Chlorodinitrobenzenes, liquid or solid 1-Chloroheptane 1-Chlorohexane Chloronitroanilines Chloronitrotoluenes, <i>liquid</i> Chloronitrotoluenes, <i>solid</i> 1-Chlorooctane Chlorophenolates, liquid Chlorophenolates, solid Chlorophenols, liquid Chlorophenols, solid Chlorophenyltrichlorosilane alpha-Chloropropylene Chlorotoluenes (meta-;para-) Chlorpyriphos Chlothiophos Coccus Cononitrite Copper acetoarsenite Copper arsenite Copper chloride Copper chloride solution Copper cyanide Copper metal powder Copper sulphate, anhydrous, hydrates Counachlor Counaphos Cresyl diphenyl phosphate Crotonaldehyde, stabilized Crotonic aldehyde, stabilized Crotoxyphos Cumene Cupric arsenite Cupric chloride Cupric cyanide Cupric sulfate Cupriethylenediamine solution Cuprous chloride Cyanide mixtures Cyanide solutions Cyanides, inorganic, n.o.s. Cyanogen bromide Cyanogen chloride, inhibited Cyanogen chloride, stabilized Cyanophos 1,5,9-Cyclododecatriene Cyhexatin Cymenes (o;-m;-p-) Cypermethrin 2,4-D DDT Decycloxytetrahydrothiophene dioxide DEF Desmedipham Di-allate

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LIST OF MARINE POLLUTANTS—Continued

S.M.P. (1)	Marine pollutant (2)
PP	Di-n-Butyl phthalate
PP	Dialifos
	4,4'-Diaminodiphenylmethane
PP	Diazinon
	1,3-Dibromobenzene
PP	Dichlofenthion
	Dichloroanilines
	1,3-Dichlorobenzene
	1,2-Dichlorobenzene
	1,4-Dichlorobenzene
	Dichlorobenzene (meta-; para-)
	2,2-Dichloroethyl ether
	Dichlorodimethyl ether, symmetrical
	Di-(2-chloroethyl) ether
	1,1-Dichloroethylene, inhibited
	1,6-Dichlorohexane
	Dichlorophenyltrichlorosilane
PP	Dichlorvos
PP	Diclofop-methyl
PP	Dicrotophos
PP	Dieldrin
	Diisopropylbenzenes
	Diisopropylnaphthalenes, mixed isomers
PP	Dimethoate
PP	N,N-Dimethyldodecylamine
	Dimethylhydrazine, symmetrical
	Dimethylhydrazine, unsymmetrical
	Dimethylphenols, liquid or solid
	Dinitro-o-cresol, <i>solid</i>
	Dinitro-o-cresol, <i>solution</i>
	Dinitrochlorobenzenes, liquid or solid
	Dinitrophenol, <i>dry or wetted with less than 15 per cent water, by mass</i>
	Dinitrophenol solutions
	Dinitrophenol, <i>wetted with not less than 15 per cent water, by mass</i>
	Dinitrophenolates <i>alkali metals, dry or wetted with less than 15 per cent water, by mass</i>
	Dinitrophenolates, <i>wetted with not less than 15 per cent water, by mass</i>
	Dinobuton
	Dinoseb
	Dinoseb acetate
	Dioxacarb
	Dioxathion
	Dipentene
	Diphacinone
	Diphenyl
	Diphenyl oxide and biphenyl phenyl ether mixtures
PP	Diphenylamine chloroarsine
PP	Diphenylchloroarsine, solid or liquid
	Disulfoton
	1,4-Di-tert-butylbenzene
	DNOC
	DNOC (pesticide)
	Dodecyl diphenyl oxide disulphonate
PP	Dodecyl hydroxypropyl sulfide
PP	1-Dodecylamine
PP	Dodecylphenol
	Drazoxolon
	Edifenphos
PP	Endosulfan
PP	Endrin
	Epibromohydrin
	Epiclorohydrin
PP	EPN
PP	Esfenvalerate
	Ethion
	Ethoprophos
	Ethyl acrylate, stabilized
	Ethyl fluid

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S.M.P. (1)	Marine pollutant (2)
	Ethyl mercaptan
	2-Ethylhexyl nitrate
	5-Ethyl-2-picoline
	Ethyl propenoate, inhibited
	2-Ethyl-3-propylacrolein
	Ethyl tetraphosphate
	Ethyldichloroarsine
	Ethylene dibromide and methyl bromide mixtures, liquid
	2-Ethylhexaldehyde
	Fenamiphos
	Fenbutatin oxide
PP	Fenchlorazole-ethyl
PP	Fenitrothion
PP	Fenoxapro-ethyl
PP	Fenoxapro-P-ethyl
PP	Fenpropatrin
	Fensulfothion
PP	Fenthion
PP	Fentin acetate
PP	Fentin hydroxide
	Ferric arsenate
	Ferric arsenite
	Ferrous arsenate
	Fonofos
	Formetanate
PP	Furathiocarb (ISO)
PP	gamma-BHC
	Gasoline, leaded
PP	Heptachlor
	Heptenophos
	n-Heptaldehyde
	n-Heptylbenzene
	normal-Heptyl chloride
	Hexachlorobutadiene
	1,3-Hexachlorobutadiene
	Hexaethyl tetraphosphate liquid
	Hexaethyl tetraphosphate, solid
	normal-Hexyl chloride
	n-Hexylbenzene
	Hydrocyanic acid, anhydrous, stabilized, containing less than 3% water
	Hydrocyanic acid, anhydrous, stabilized, containing less than 3% water and absorbed in a porous inert material
	Hydrocyanic acid, aqueous solutions <i>not more than 20% hydrocyanic acid</i>
	Hydrogen cyanide solution in alcohol, <i>with not more than 45% hydrogen cyanide</i>
	Hydrogen cyanide, stabilized <i>with less than 3% water</i>
	Hydrogen cyanide, stabilized <i>with less than 3% water and absorbed in a porous inert material</i>
	Hydroxymethylbenzenes, liquid or solid
	Ioxynil
	Isoamyl mercaptan
	Isobenzan
	Isobutyl butyrate
	Isobutylbenzene
	Isodecyl acrylate
	Isodecyl diphenyl phosphate
	Isofenphos
	Isooctyl nitrate
	Isoprocarb
	Isopropenylbenzene
	Isooctamethylbenzene
	Isoxathion
	Lead acetate
	Lead arsenates
	Lead arsenites
PP	Lead compounds, soluble, n.o.s.

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LIST OF MARINE POLLUTANTS—Continued

S.M.P. (1)	Marine pollutant (2)
PP	Lead cyanide Lead nitrate Lead perchlorate, solid or solution Lead tetraethyl Lead tetramethyl Lindane Linuron London Purple Magnesium arsenate Malathion Mancozeb (ISO) Maneb Maneb preparations with not less than 60% maneb Maneb preparation, stabilized against self-heating Maneb stabilized or Maneb preparations, stabilized against self-heating Manganese ethylene-1,2-bis dithiocarbamate Manganese ethylene-1,2-bis-dithiocarbamate, stabilized against self-heating Mecarbam Mephosfolan Mercaptodimethur PP Mercuric acetate PP Mercuric ammonium chloride PP Mercuric arsenate PP Mercuric benzoate PP Mercuric bisulphite PP Mercuric bromide PP Mercuric chloride PP Mercuric cyanide PP Mercuric gluconate PP Mercuric iodide PP Mercuric nitrate PP Mercuric oleate PP Mercuric oxide PP Mercuric oxycyanide, desensitized PP Mercuric potassium cyanide PP Mercuric Sulphate PP Mercuric thiocyanate PP Mercurol PP Mercurous acetate PP Mercurous bisulphite PP Mercurous bromide PP Mercurous chloride PP Mercurous nitrate PP Mercurous salicylate PP Mercurous sulphate PP Mercury acetates PP Mercury ammonium chloride PP Mercury based pesticide, liquid, flammable, toxic PP Mercury based pesticides, liquid, toxic, flammable PP Mercury based pesticides, liquid, toxic PP Mercury based pesticides, solid, toxic PP Mercury benzoate PP Mercury bichloride PP Mercury bisulphites PP Mercury bromides PP Mercury compounds, liquid, n.o.s. PP Mercury compounds, solid, n.o.s. PP Mercury cyanide PP Mercury gluconate PP Mercury (I) (mercurous) compounds (pesticides) PP Mercury (II) (mercuric) compounds (pesticides) Mercury iodide PP Mercury nucleate PP Mercury oleate PP Mercury oxide PP Mercury oxycyanide, desensitized PP Mercury potassium cyanide PP Mercury potassium iodide PP Mercury salicylate

LIST OF MARINE POLLUTANTS—Continued

S.M.P. (1)	Marine pollutant (2)
PP	Mercury sulfates PP Mercury thiocyanate Metam-sodium Methamidophos Methanethiol Methidathion Methomyl ortho-Methoxyaniline Methyl bromide and ethylene dibromide mixtures, liquid Methyl mercaptan 2-Methyl-2-phenylpropane 3-Methylacroleine, stabilized Methylchlorobenzenes Methylnitrophenols 3-Methylpyradine Methyltrithion Methylvinylbenzenes, inhibited PP Mevinphos Mexacarbate Mirex Monocrotophos Motor fuel anti-knock mixtures Motor fuel anti-knock mixtures or compounds Nabam Naled PP Nickel carbonyl PP Nickel cyanide PP Nickel tetracarbonyl 3-Nitro-4-chlorobenzotrifluoride Nitrobenzene Nitrobenzotrifluorides, liquid or solid Nonylphenol <i>normal</i> -Octaldehyde Oleylamine Organotin compounds, liquid, n.o.s. PP Organotin compounds (pesticides) PP Organotin compounds, solid, n.o.s. PP Organotin pesticides, liquid, flammable, toxic, n.o.s., flash point less than 23deg C PP Organotin pesticides, liquid, toxic, flammable, n.o.s. PP Organotin pesticides, liquid, toxic, n.o.s. PP Organotin pesticides, solid, toxic, n.o.s. Orthoarsenic acid PP Osmium tetroxide Oxamyl Oxydisulfoton Paraaxon Parathion PP Parathion-methyl PP PCBs. Pentachloroethane Pentachlorophenol Pentalin Pantanethiols n-Pentylbenzene Perchloroethylene Perchloromethylmercaptan Petrol, leaded PP Phenarsazine chloride d-Phenothrin PP Phenthroate 1-Phenylbutane 2-Phenylbutane Phenylcyclohexane Phenylmercuric acetate PP Phenylmercuric compounds, n.o.s. PP Phenylmercuric hydroxide PP Phenylmercuric nitrate 2-Phenylpropene Phorate

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LIST OF MARINE POLLUTANTS—Continued

S.M.P. (1)	Marine pollutant (2)
PP	Phosalone
PP	Phosmet
PP	Phosphamidon
PP	Phosphorus, white, molten
PP	Phosphorus, white or yellow dry or under water or in solution
PP	Phosphorus white, or yellow, molten
PP	Phosphorus, yellow, molten
	Pindone (and salts of)
	Pirimicarb
PP	Pirimiphos-ethyl
PP	Polychlorinated biphenyls
PP	Polyhalogenated biphenyls, liquid or Terphenyls liquid
PP	Polyhalogenated biphenyls, solid or Terphenyls, solid
PP	Potassium cuprocyanide
	Potassium cyanide, solid
	Potassium cyanide, solution
PP	Potassium cyanocuprate (I)
PP	Potassium cyanomercurate
PP	Potassium mercuric iodide
	Promecarb
	Propachlor
	Propaphos
	Propenal, inhibited
	Propoxur
	Prothoate
	Prussic acid, anhydrous, stabilized
	Prussic acid, anhydrous, stabilized, absorbed in a porous inert material
PP	Pyrazophos
	Quinalphos
PP	Quizalofop
PP	Quizalofop-p-ethyl
	Rotenone
	Salithion
PP	Silafluoen
	Silver arsenite
	Silver cyanide
	Silver orthoarsenite
PP	Sodium copper cyanide, solid
PP	Sodium copper cyanide solution
PP	Sodium cuprocyanide, solid
PP	Sodium cuprocyanide, solution
	Sodium cyanide, solid
	Sodium cyanide, solution
	Sodium dinitro-o-cresolate, dry or wetted with less than 15 per cent water, by mass
	Sodium dinitro-ortho-cresolate, wetted with not less than 15 per cent water, by mass
PP	Sodium pentachlorophenate
	Strychnine or Strychnine salts
PP	Sulfotep
	Sulprophos
	Tallow nitrile
	Temephos
PP	TEPP
	Terbufos
	Tetrabromoethane
	Tetrabromomethane
	1,1,2,2-Tetrachloroethane
	Tetrachloroethylene
	Tetrachloromethane
	Tetrachlorophenol
	Tetraethyl dithiopyrophosphate
	Tetraethyl lead, liquid
	Tetramethrin
	Tetramethyllead
	Thallium chloride
	Thallium compounds, n.o.s.

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LIST OF MARINE POLLUTANTS—Continued

S.M.P. (1)	Marine pollutant (2)
	Thallium compounds (pesticides)
	Thallium nitrate
	Thallium sulfate
	Thallous chloride
	Thiocarbonyl tetrachloride
	Triaryl phosphates, isopropylated
PP	Triaryl phosphates, n.o.s.
	Triazophos
	Tribromomethane
PP	Tributyltin compounds
	Trichlorfon
PP	1,2,3—Trichlorobenzene
	Trichlorobenzenes, liquid
	Trichlorobutene
	Trichlorobutylene
	Trichloromethane sulphuryl chloride
	Trichloromethyl sulphochloride
	Trichloronat
	Tricresyl phosphate (less than 1% ortho-isomer)
PP	Tricresyl phosphate, not less than 1% ortho-isomer but more than 3% orthoisomer
PP	Tricresyl phosphate with more than 3 per cent ortho isomer
	Triethylbenzene
	Triisopropylated phenyl phosphates
	Trimethylene dichloride
PP	Triphenylphosphate
	Triphenyl phosphate/tert-butylated triphenyl phosphates mixtures containing 5% to 10% triphenyl phosphates
PP	Triphenyl phosphate/tert-butylated triphenyl phosphates mixtures containing 10% to 48% triphenyl phosphates
PP	Triphenyltin compounds
PP	Tritolyl phosphate (less than 1% ortho-isomer)
PP	Tritolyl phosphate (not less than 1% ortho-isomer)
	Trixylyl phosphate
	Vinylidene chloride, stabilized
	Vinytoluenes, stabilized
	Warfarin (and salts of)
PP	White phosphorus, dry
PP	White phosphorus, wet
	White spirit, low (15-20%) aromatic
PP	Yellow phosphorus, dry
PP	Yellow phosphorus, wet
	Zinc bromide
	Zinc cyanide

[Amendt. 172-127, 57 FR 52935, Nov. 5, 1992]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting appendix B to § 172.101, see the List of CFR Sections Affected which appears in the Finding Aids section of the printed volume and on GPO Access.

§ 172.102 Special provisions.

(a) *General.* When column 7 of the § 172.101 table refers to a special provision for a hazardous material, the meaning and requirements of that provision are as set forth in this section. When a special provision specifies packaging or packaging requirements—

(1) The special provision is in addition to the standard requirements for